CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Gas pipe line, Texas, Rio Grande Valley Gas Co. soon takes bids, $4,500,000.

Theatre, Chicago, Ill., H. L. and L. Englestein and others having plans prepared, $3,000,000.

Dam, Texas, Llano-Texas Pub. Utilities Co. making plans $3,000,000.

Paving, Wausau, Wis., Marathon Co. voted bonds, $3,000,000.

Hospital, Jackson, Miss., Mississippi Building Comn., soon takes bids, $2,500,000.

Hotel, New York, N. Y., M. Ginsberg having plans prepared, $2,500,000.

Apartment, Chicago, Ill., S. Cole having preliminary sketches made, $2,000,000.

Bank and office, St. Petersburg, Fla., Florida Mutual Building Inc., had plans prepared and soon takes bids, $1,800,000.

Fibre board mill, Kansas City, Mo., Hinde & Dauch Paper Co. making plans, $1,500,000.

Apartment, Chicago, Ill., Syndicate, c/o A. Kruggel & Co. having plans prepared, $1,500,000.

School of Medicine, Philadelphia, Pa., Temple University making plans, $1,500,000.

Paving, Waupaca, Wis., Waupaca Co. voted bonds, $1,200,000.

Refinery, Phillips, Tex., Alamo Refining Co. making preliminary plans, $1,000,000.

High school, St. Louis, Mo., Bd. Educ. having preliminary plans prepared, $1,000,000.

Freight house, Houston, Tex., Missouri, Kansas & Texas R.R. Co. having plans prepared, $1,000,000.

Mausoleum, Pittsburgh, Kan., Mt. Olive Cemetery Assn. having plans prepared and takes bids in December or January, $1,000,000.

Apartment hotel, St. Louis, Mo., Local Syndicate having preliminary plans prepared, $1,000,000.

Bids Desired

Hotel, Milwaukee, Wis., Dec. 6, by Holabird & Roche, Archts., $4,000,000.

Bank, Detroit, Mich., Federal Reserve Bank of Chicago taking bids, $1,200,000.

Bridge, Old Hickory, Tenn., Davidson Co. takes bids in 90 days, $1,000,000.

Contracts

Paper mill, Quebec, Que., Anglo-Canadian Pulp & Paper Co. to W. I. Bishop, Ltd., $15,000,000.

Theater, Worcester, Mass., Two Hundred and Sixty One Main St. Corp. to J. D. Harrison Constr. Co., $2,000,000.

Bank, New Haven, Conn., Union & New Haven Trust Co. to Larkin-Carey Co., $2,000,000.

Loft, New York, N. Y., N. O. Sinansky to S. S. Roth & Bro., $1,600,000.

Office, Portland, Me., Portland Gas & Coke Co. to L. H. Hoffman, $1,500,000.

Railways, Ohio and Michigan, Wabash R.R. to Industrial Track Constr. Co., $1,400,000.

Classified Index of Bids Wanted

Waterworks

Bids close — *See Eng. News-Record*

Nov. 12 Long Island City, N. Y. — Nov. 4
Nov. 15 Denver, Colo. — Nov. 11
Nov. 16 St. Paul, Minn. — Nov. 11
Nov. 16 Bay Village, O. — Nov. 11
Nov. 16 Boston, Mass. — Nov. 11
Nov. 17 Baltimore, Md. — Nov. 4
Nov. 17 Cleveland, O. — Nov. 11
Nov. 17 Boston, Mass. — Nov. 11
Nov. 18 Stamford, Neb. — Nov. 11
Nov. 23 Kernesville, N. C. — Oct. 28
Dec. 7 St. Louis, Mo. — Nov. 11
Dec. 14 St. Louis, Mo. — Nov. 11
Dec. 20 New Orleans, La. — Oct. 21
Adv. Oct. 21 to Nov. 11.

Sewers

Nov. 15 Pikesville, Md. — Oct. 21
Nov. 15 Medford, Okla. — Nov. 4
Nov. 17 Maplewood (br. St. Louis), Mo. — Nov. 4
Nov. 17 Thomasville, N. C. — Nov. 4
Nov. 17 Corpus Christi, Tex. — Nov. 11
Nov. 17 Detroilt, Mich. — Nov. 11
Nov. 17 Cleveland, O. — Nov. 11
Nov. 18 Mamaroneck, N. Y. — Nov. 4
Adv. Nov. 4 and 11.
Nov. 25 Birmingham, Ala. — Nov. 11
Nov. 29 Jamestown, N. Y. — Nov. 11
Adv. Nov. 11.
Nov. 30 Montgomery, Minn. — Nov. 11
Dec. 10 Louisville, Ky. — Nov. 11
Adv. Nov. 11.

Bridges

Nov. 12 Columbus, O. — Nov. 4
Nov. 15 New Jersey — Oct. 28
Nov. 16 Medford (br. Boston), Mass. — Nov. 11
Nov. 18 Louisiana — Oct. 28
Nov. 18 Osceola, Ia. — Nov. 11
Nov. 23 Clearwater, Fla. — Nov. 4
Nov. 24 Iola, Kan. — Nov. 11
Nov. 24 Mount Vernon, N. Y. — Nov. 11
Adv. Nov. 11.
Nov. 30 Phila., Pa. — Nov. 11
Adv. Nov. 11.
Dec. 1 Delaware — Nov. 11
Adv. Nov. 4 and 11.
Dec. 8 Deschambault, Que. — Nov. 11

Excavation, Drainage, Irrigation, Levees, River and Harbor

Nov. 15 Gulfport, Miss. — Oct. 28
Nov. 16 Rochester, N. Y. — Oct. 21
Adv. Oct. 21 to Nov. 11.

Bids close — *See Eng. News-Record*

Nov. 16 Arkansas — Oct. 28
Nov. 23 Shreveport, La. — Nov. 11
Dec. 1 Copenhagen, Denmark — July 15
Dec. 6 Cotulla, Tex. — Nov. 11
Adv. Nov. 11.
Dec. 7 Bay St. Louis, Miss. — Nov. 11
Adv. Nov. 4 and 11.

Streets and Roads

Nov. 12 Boston, Mass. — Nov. 11
Nov. 15 Goldsboro, N. C. — Nov. 4
Nov. 15 New Jersey — Oct. 28
Nov. 15 Kansas City, Kan. — Nov. 4
Nov. 15 Wewoka, Okla. — Nov. 11
Nov. 16 Arkansas — Oct. 21
Nov. 16 Alabama — Oct. 28
Nov. 16 Galveston, Tex. — Nov. 11
Nov. 16 Blacksburg, S. C. — Nov. 11
Nov. 16 Ottumwa, Ia. — Nov. 11
Nov. 16 San Antonia, Tex. — Nov. 11
Nov. 16 Massachusetts — Nov. 11
Nov. 16 New York, N. Y. — Nov. 11
Nov. 17 Jacksonville, Fla. — Nov. 11
Nov. 17 Baltimore, Md. — Nov. 11
Nov. 17 Fairfield, Ia. — Nov. 11
Nov. 18 Louisiana — Oct. 28
Nov. 18 Louisville, Miss. — Oct. 28
Nov. 18 Osceola, Ia. — Nov. 11
Nov. 19 Kentucky — Oct. 21
Nov. 22 Olathe, Kan. — Oct. 28
Nov. 22 Eddyville, Kan. — Oct. 28
Nov. 22 Crown Point, Ind. — Nov. 11
Nov. 22 Keansburg, N. J. — Nov. 11
Adv. Nov. 11.
Nov. 22 Evansville, Ind. — Nov. 11
Nov. 22 New Jersey — Nov. 11
Adv. Nov. 4 and 11.
Nov. 22 San Diego, Calif. — Nov. 11
Nov. 22 Los Angeles, Calif. — Nov. 11
Nov. 23 Florida — Nov. 4
Nov. 23 Fort Scott, Kan. — Oct. 28
Nov. 23 Louisiana — Oct. 28
Nov. 23 Olathe, Kan. — Nov. 4
Nov. 23 Boston, Mass. — Nov. 11
Nov. 23 Peru, Ind. — Nov. 11
Nov. 25 Birmingham, Ala. — Nov. 11
Nov. 26 McPherson, Kan. — Nov. 11
Nov. 29 Evansville, Ind. — Nov. 11
Nov. 30 St. Louis, Mo. — Nov. 11
Nov. 30 Minnesota — Nov. 11
Nov. 30 Columbus, O. — Nov. 11
Dec. 17 Tennessee — Nov. 4
Jan. 7 Kentucky — Nov. 11

Buildings—Commercial

Nov. 13 Kenosha, Wis. — Nov. 11
Nov. 13 Providence, R. I. — Nov. 11
Nov. 14 Connellsville, Pa. — Oct. 28

See proposal advertising on page 138

Bids close — *See Eng. News-Record*

Nov. 15 Duluth, Minn. — July 15
Nov. 15 El Dorado, Ark. — Oct. 28
Nov. 15 Cleveland, O. — Nov. 11
Nov. 15 Hope, Ark. — Nov. 11
Nov. 15 Providence, R. I. — Nov. 11
Nov. 16 Chicago, Ill. — Oct. 28
Nov. 17 Morris Plains, N. J. — Nov. 11
Nov. 18 Ft. Wayne, Ind. — Oct. 21
Nov. 18 Richmond, Ind. — Nov. 11
Nov. 18 Eastland, Tex. — Nov. 11
Nov. 19 Perthy Amboy, N. J. — Nov. 11
Nov. 20 Duluth, Minn. — Oct. 28
Nov. 20 Ft. Wayne, Ind. — Nov. 11
Nov. 20 Detroit, Mich. — Nov. 11
Nov. 23 Visalia, Calif. — Oct. 28
Nov. 24 Lafayette, La. — Nov. 4
Nov. 29 Cedar Rapids, Ia. — Nov. 11
Nov. 30 Ossining, N. Y. — Nov. 11
Adv. Nov. 11.
Dec. 6 Milwaukee, Wis. — Nov. 11
Dec. 15 New York, N. Y. — Nov. 4
Adv. Nov. 4 and 11.
Jan. 1 Wash., D. C. — Oct. 7

Buildings—Industrial

Nov. 16 Paterson, N. J. — Nov. 11
Nov. 17 Hanford, Calif. — Nov. 4
Jan. 1 Salem, O. — Sept. 30

Buildings—Educational, Religious

Nov. 15 Jacksonville, Fla. — Oct. 7
Nov. 15 Belleville, Ont. — Nov. 4
Nov. 15 Detroit, Mich. — Nov. 11
Nov. 15 Cleveland Heights (Warrensville P. O.), O. — Nov. 11
Nov. 16 Nashville, Tenn. — Oct. 28
Nov. 16 Darby, Pa. — Nov. 11
Nov. 16 Fargo, S. D. — Nov. 11
Nov. 17 Eagle Rock (br. Los Angeles), Calif. — Nov. 11
Nov. 17 Erie, Pa. — Nov. 11
Nov. 18 South Jamaica (mail Jamaica), N. Y. — Nov. 4
Nov. 18 Racine, Wis. — Nov. 4
Nov. 18 Lexington, Ky. — Nov. 11
Nov. 20 Irdiana, Pa. — Nov. 11
Nov. 22 Cleveland, O. — Nov. 4
Nov. 27 Aberdeen, S. D. — Nov. 11
Nov. 29 Rocky River, O. — Nov. 4
Nov. 29 Adrian, Mich. — Nov. 11
Dec. 1 Indianapolis, Ind. — Oct. 21
Dec. 1 Duluth, Minn. — Oct. 21
Dec. 1 Belleville, Ont. — Nov. 11
Jan. 1 Wash., D. C. — Oct. 7
Jan. 3 L'Anse, Mich. — Nov. 11
Feb. 1 Wash., D. C. — Oct. 7

Constr. News page 307

TRADE "LEADITE" MARK
Registered U. S. Pat. Office

Jointing Water Mains

Laying 20-in. c. i. water mains with LEADITE joints thru rough and mountainous country.

Whether you are building an entirely new system or making an extension, laying large or small mains, you will save time, money and labor by using LEADITE.

In making a LEADITE joint NO CAULKING is necessary. Just yarn the joint and pour it full of molten LEADITE; it is an easy and quick operation.

LEADITE allows you to lay more pipe per day. This means getting water into the line without delay.

The quicker you get water to the consumer, the sooner the line produces revenue.

LEADITE makes the work easier on the men by eliminating much of the drudgery of pipe laying. You know what this means in the cold of winter and the heat of summer, and in bad trenches.

The varied applicability of LEADITE makes it the ideal material for jointing cast iron B. & S. water mains.

You will use LEADITE sooner or later as its advantages cannot help but appeal to you favorably.

Familiarize yourself with LEADITE now.

LEADITE does not corrode or rust.

Users know LEADITE makes a good joint.

LEADITE joints improve with age.

LEADITE has been successfully tested and used for over 30 years.

Thousands of miles of pipe jointed with LEADITE are in service.

The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking material for c. i. pipe

Be Sure It Is LEADITE and Accept No Imitations

THE LEADITE COMPANY, Inc.
1512 Land Title Building, Philadelphia, Pa., U.S.A.

NO CAULKING

Federal Government Work

Bids close		See Eng. News-Record
Nov. 15	Operating House—Mitchell, Neb.	Nov. 11
Nov. 16	Marquise—Wash., D. C.	Nov. 11
Nov. 16	Steel, etc.—Boston, Mass.	Nov. 11
Nov. 17	Barge—Norfolk, Va.	Oct. 21
	Adv. Oct. 21 to Nov. 11.	
Nov. 17	Quarters—Washington	Oct. 21
Nov. 17	Generator—Wash., D. C.	Nov. 4
	Adv. Nov. 4 and 11.	
Nov. 20	Dredging—Massachusetts.	Oct. 21
	Adv. Oct. 21 to Nov. 11.	
Nov. 22	Rip Rap, etc.—Point Isabel, Tex.	Nov. 4
	Adv. Nov. 4 and 11.	
Nov. 22	Remodeling—St. Joseph, Mo.	Nov. 11
Nov. 23	Post Office—Montclair, N. J.	Nov. 11
	Adv. Nov. 11.	
Nov. 24	Extension—Paris, Tex.	Nov. 11
Nov. 24	Engine, etc.—Cincinnati, O.	Nov. 11
	Adv. Nov. 11.	
Nov. 26	Metal Work—Louisville, Ky.	Oct. 28
	Adv. Oct. 28 to Nov. 11.	
Nov. 26	Remodeling—Americus, Ga.	Nov. 11
Nov. 29	Post Office—Montevideo, Minn.	Nov. 11
Nov. 30	Powerhouse—Louisville, Ky.	Nov. 4
	Adv. Nov. 4 and 11.	
Nov. 30	Refrigerating Plant—Camp Custer (br. Battle Creek), Mich.	Nov. 11
Nov. 30	Post Office—Central City, Neb.	Nov. 11
Nov. 30	Remodeling—Annapolis, Md.	Nov. 11
Dec. 4	Removing Dredge—New Jersey	Nov. 11
	Adv. Nov. 11.	
Dec. 6	Unwatering Lock Chamber—Louisville, Ky.	Nov. 11
	Adv. Nov. 11.	
Dec. 6	Pump—Jacksonville, Fla.	Nov. 11
	Adv. Nov. 11.	
Dec. 15	Road—California	Oct. 28

Unclassified

Nov. 15	Plumbing, Heating, etc.—Columbus, O.	Oct. 28
Nov. 17	Signal Lights—Phila., Pa.	Nov. 11
Nov. 19	Subsidiary Pipes—New York, N. Y.	Nov. 11
Nov. 22	Air Conditioning and Refrigerating Plant—San Antonio, Tex.	Nov. 11
Nov. 26	Subway—New York, N. Y.	Nov. 11
Nov. 30	Refrigeration Work—Ossining, N. Y.	Nov. 11
	Adv. Nov. 11.	
Dec. 1	Aviary—Wash., D. C.	Oct. 7
Dec. 10	Siphon—Oakland, Calif.	Nov. 11

Materials

Nov. 12	Recropping Rails—Phila., Pa.	Nov. 4
Nov. 12	Railroad Crossings and Frogs—Phila., Pa.	Nov. 4
Nov. 15	Iron Castings—New Haven, Conn.	Nov. 4
Nov. 15	Granite, etc.—Pittsburgh, Pa.	Nov. 11
Nov. 16	Brass and Bronze Castings, etc.—Toronto, Ont.	Nov. 11
Nov. 16	Lumber—Washington, Ia.	Nov. 11
Nov. 17	Structural Steel and Railroad Frog Crossings—Phila., Pa.	Nov. 11
Nov. 18	Inorganic Dust, etc.—New York, N. Y.	Nov. 11
Nov. 18	White Lead—Chicago, Ill.	Nov. 11
Nov. 19	Road Oil—Fresno, Calif.	Nov. 11
Dec. 14	Cable, etc.—Wellington, New Zealand	Nov. 11

News of New Work

Waterworks

Proposed Work

Mass., Worcester—Municipal Water Dept., made plans new pump at Beaver Brook playgrounds, $45,000; and repairing old equipment for pumping from Metropolitan Reservoir, $25,000. Stone & Webster, Inc., 147 Milk St., Boston, engrs.

New Jersey—Monmouth County Water Co., 414 Main St., Asbury Park, plans pipe line through Wall Twp. in West Belmar. $130,000.

N. J., Newark—North Jersey Dist. Water Supply Comn., 24 Commerce St., soon takes new bids clearing and grubbing at Wanaque Reservoir site, supporting dams, etc. Former bids rejected. Noted Oct. 21.

Va., Westhampton (Richmond P. O.) — Election soon, $400,000 bonds, waterworks and sewerage systems.

N. C. Rocky Mount—Plans selling $100,000 bonds, additional mains from pumping station.

Ky., Hopkinsville—City retained Black & Veatch, engrs., Mutual Bldg., Kansas City, Mo., to prepare plans dam for water supply. To exceed $15,000.

O., Blenheim — Council making plans waterworks and fire protection system. $60,000. W. R. McLean, Metropolitan Bldg., Toronto, engr.

Ill., Clinton—See "Streets and Roads."

Ill., Galesburg — Voted $125,000 bonds, sinking well to Potsdam stratum, pumping equipment new building, reservoir, etc. Pearse, Greeley & Hanson, 6 North Michigan Ave., Chicago, engrs. Noted Oct. 28.

Ill., Lake Forest—Takes bids after Jan. 1, water filtration plant, incl. filters, filtered water reservoir, head house, etc. $100,000. Pearce, Greeley & Hansen, 6 North Michigan Ave., Chicago, engrs.

Wis., Milwaukee — See "Streets and Roads."

Ia., Cedar Rapids — Plans election in spring to vote on bonds, waterworks improvements. H. F. Blomquist, supt. City Waterworks. This corrects report in Oct. 14 issue.

Ia., Emerson—See "Contracts Awarded."

Ia., Missouri Valley — Defeated $45,000 bonds, water treating plant. Work may be readvertised. H. Bond, city clk. Noted Oct. 14.

Mo., Mansfield—Election Nov. 16, $40,000 bonds, new waterworks. J. W. Shikles & Co., 708 New York Life Bldg., Kansas City, engrs.

Mo., Maryville — Rejected bids Oct. 28, one 100,000 gal. concrete clear water well. E. E. Harper, 3031 Park Ave., Kansas City, engr. Will readvertise.

Mo., New Madrid—Election Nov. 30, $19,000 bonds, approximately 16,000 ft. 4 in. c.i. pipe, fire hydrants, valves and boxes, etc. A. C. Moore, Joplin Natl. Bank Bldg., Joplin, engr.

Mo., Princeton—Defeated $60,000 bonds, waterworks and distribution system. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, engrs. Noted Oct. 21.

Tex., Abilene — Election soon $100,000 bonds, extending mains in outlying districts, etc. C. E. Coombs, mayor.

Tex., Abilene — Election soon $500,000 bonds, improving waterworks, augmenting Lake Abilene Water Supply for city. Address C. E. Coombs, Abilene, mayor.

Tex., El Dorado—Made plans and take bids after Jan. 1, complete waterworks, incl. pumping plant and distributing system. $60,000. Terrell Bartlett Engineers, Calcasieu Bldg., San Antonio, engrs. Noted Nov. 4.

Okla., Chandler—Plans 1 mi. 6 and 8 in. vitr. mains in various streets. $25,000. C. A. Benham Eng. Co., 521 Gumble Bldg., Kansas City, Mo., engrs.

Okla., Turley—City postponed indefinitely, waterworks improvements, incl. 6 in. c.i. pipe line to Tulsa. To exceed $15,000. Hughes Eng. Co.; 205 Cole Bldg., Tulsa, engrs.

Wash., Yakima—C. F. Wilson, city engr., takes bids about Nov. 25, water system, incl. main line between intake at Oak Flats and 12 m.g. concrete reservoir, also distribution line from reservoir to city. Noted Sept. 16.

Calif., Beverly Hills—Making plans filtration plant. Salisbury, Bradshaw & Taylor, Petroleum Securities Bldg., Los Angeles, engrs.

Calif., Chico—Federal Water Serv. Co. making plans extending mains to sections city not now served. To exceed $25,000. E. K. Barnum, ch. engr.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Calif., Colton—Plans to purchase 1,920 ft. 4 in. diam. 14-gauge riveted steel water pipe, asphaltum dipped, and two 4 in. 14-gauge dipped steel crosses. O. Phillips, city clk.

Calif., Long Beach—Made plans extending 30,000 ft. c.i. mains in various streets. R. D. Van Alstine, city engr.

Calif., Ventura—Ventura Co. Water Dist. 1 made plans 16,180 ft. 4 and 6 in c.i., also 10,490 ft. 2 and 3 in. galvanized iron pipe, etc. C. W. Petit, Ventura, co. surv.

B. C., North Vancouver — Election in January, $50,000 bonds, completing Rice Lake Storage Scheme. Y. S. Haneo, City Hall, engr.

Bids Desired

Mass., Boston—Nov. 16, by Dept. Pub. Wks., laying and relaying mains in various streets, in Dorchester, Brighton and West Roxbury; Nov. 17, in South Boston, $15,000. J. H. Sullivan, comr.

O., Bay Village—Nov. 16, by Village, mains in 11 streets. $75,000. Wight-O'Rourke Co., Guarantee Title Bldg., Cleveland, engr. Noted Oct. 21.

O., Cleveland—Nov. 17, by Bd. Comrs. Cuyahoga Co., 11,000 ft. 6 and 8 in. c.i. mains in Impvt. 577, and 1,600 ft. 8 and 12 in. Impvt. 658, to exceed $25,000; also 6,600 ft. 6 and 12 in. c.i. mains in Dover Center Rd., Impvt. 1253. F. Williams, Court House, engr.

Minn., St. Paul—Nov. 16, by A. E. Eggert, city purch. agt., 60,000 lin.ft. seamless copper tubing for Water Dept. G. M. Shepard, city engr.

Neb., Stamford—Nov. 18, by R. Weare, city clk., one 12 in. tubular well approximately 50 ft. deep; one 60 g.p.m. single or 2 stroke deep well pump; constructing pump house, etc. Former bids rejected. To exceed $15,000. Hennepin Eng. Co., Natl. Bldg., Omaha, engrs. Noted Oct. 28.

Mo., St. Louis — Dec. 7, by Bd. Pub. Serv., 208 City Hall, insulating and covering 4 boiler drums and circulation tubes, also all new steam exhaust and feed water piping installed in boiler room at High Service Station 2, 34 East Grand Ave. $3,000. J. Pritchard, dir.

Mo., St. Louis—Dec. 14, by Bd. Pub. Serv., 208 City Hall, superstructure high and low pressure engine, boiler and coal receiving houses at Howards Bend Waterworks station on Missouri River, St. Louis Co. $900,000. J. Pritchard, dir.

Tex., Cuero — Taking bids centrifugal pumps of 1,000 g.p.m., 150 ft. head, direct connected to electric motor, also water steel tower and tank. $25,000. Address L. Hamilton, mayor.

Colo., Denver—Nov. 15, by D. J. Blackburn, purch. agt. Bd. Water Comrs., 1509 Cleveland Pl., motor driven centrifugal pumping unit complete, 5 m.g.d. capacity, required for pumping wash water back into Lake at filter plant north side of Marston Lake; also 42 in. upright iron body bronze mounted double gate valve for extension suction line into Capitol Hill Basin 2. W. D. Gross, 1509 Cleveland Pl., engr.

Bids Received

N. Y., Long Island City—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, Nov. 5, mains in Arcadia, Graham Aves., etc., here, from Gregory Contg. Co., 351 East 124th St., New York City, $11,598. Noted Oct. 28.

Tenn., Nashville—Bd. Pub. Wks., trunk line mains in North Nashville, from H. I. Nolen Constr. Co., Stahlman Bldg., $33,333.

Ky., Louisville—Alvord, Burdick & Howson, engrs., South Dearborn St., Chicago, Ill., Nov. 2, "G" two 500 hp. watertube boilers, here, from H. Vogt Co., 10th and Ormsby Sts., $28,997; "H" superheaters for above from Babcock & Wilcox, 85 Liberty St., New York City, $3,964; and "I" stokers, from Illinois Stoker Co., Alton, Ill., $17,350, all above for Louisville Water Co., 435 South 3rd St. Noted Oct. 14.

O., Cleveland—Bd. Comrs. Cuyahoga Co., Oct. 27, 8,000 ft. 6- to 12-in. c.i. water

Constr. News page 308

When time is money . . .

use Quick-Hardening Concrete made with standard Universal Cement

DECEMBER.						
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High Early Strength *Universal* Concrete will help you turn these months into increased profit.

How Big Will Your Profits Be This Winter?

Whether the winter months will be months of profit for you depends largely upon whether you allow cold weather to interfere with building plans.

Today winter concrete is more practicable than ever before. During cold weather, materials must be kept at a warm temperature and the structure protected from freezing. Use of High Early Strength *Universal* Concrete shortens the period in which protection from freezing is necessary. It makes possible early removal of forms. It hurries completion of the job.

You can help turn cold-weather months into profit with high early strength concrete made by using special methods and standard *Universal* (not special) cement.

Detailed information furnished promptly on receipt of coupon.

UNIVERSAL PORTLAND CEMENT CO.
210 South La Salle Street, Chicago.

Without obligation, please send me detailed information on methods for securing strong concrete in 3 days with standard *Universal* (not special) cement, the same quality *Universal* regularly used.

Name .....

Address .....

ENR 11-11-26

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

Waterworks (Continued)

main in Center Ridge Rd., Impvt. 1252, from Southern Constr. Co., 1726 Northfield Ave., $35,568. Noted Oct. 21.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, Oct. 26, two 30 to 35 m.g.d. high pressure steam turbine centrifugal, also two 40 to 60 m.g.d. and one 60 to 120 m.g. low pressure steam turbine pumps, from Worthington Pump & Machy. Co., Laclede Gas Light Bldg., $236,700 and $166,900 respectively. Noted Sept. 16.

Tex., Ft. Worth—O. E. Carr, city engr., Oct. 29, rein.-con. pressure pipe conduit from Lake Worth to Water Filtration Plant, from Smith Bros., Santa Fe Bldg., Dallas, $747,515. Noted Oct. 7.

Calif., Montecito—Montecito Co. Water Dist., Buell Reservoir dam, 140,000 cu.yd. hydraulic fill with concrete cut-off wall and Gunite surface on upstream face, from Kraner & Haskell, Balboa Bldg., San Francisco, $142,165 impounding 63,500 gal.

Contracts Awarded

Ky., Louisville—Alvord, Burdick & Howson, engrs., South Dearborn St., Chicago, Ill., Nov. 2, "A" rein.-con. pumping station and filter plant here, to Natl. Concrete Constr. Co., Bd. Trade Bldg., $376,500; "B" filteration equipment 48 m.g.d. and "E" valves to Roberts Filter Mfg. Co., Darby, Pa., $131,000 and $7,600 respectively; "C" tunnels and shafts, to Cannell-Conrad Constr. Co., Todd Bldg., $65,000; "D" m.g. reservoir, to H. Bickel Co., 443 Garden St., $40,790; "E" Valves Item 2, to Ross Valve Co., 6 Oakwood Ave., $1,155; "F" cast iron pipe and fittings, pipe to United States Cast Iron Pipe & Fdry. Co., Amer. Trust Bldg., Birmingham, Ala., $15,069 and fittings to Bessemer Fdry. & Machine Co., Bessemer, Ala., $27,938; "J" ash hoppers, to R. H. Beaumont Co., 315 Arch St., Phila., Pa., $2,914; "K" traveling crane to Euclid Crane & Hoist Co., Chardon Rd., Cleveland, O., $3,250, all above for Louisville Water Co., 435 South 3rd St Grand total $580,316. Noted Oct. 14.

O., Avon Lake—Comrs. Lorain Co. (Elyria), 30 x 40 ft. filter plant, 50 x 70 ft. mixing house, 30 x 40 ft. coagulation basin, etc., here, to Pitt Constr. Co., Empire Bldg., Pittsburgh, Pa., $226,291.

O., Columbus—Comrs. Franklin Co., extending mains in Sewer Dist. Franklin 4, Impvt. 100, and constructing sewers in Sewer Dist. Clinton 2, Contr. 84, to W. Neilson, Columbus, $17,470 and $5,374 respectively. Noted Oct. 21.

O., Cuyahoga Falls — Mains in Crurb Ave., to J. R. Fryberger, Cuyahoga Falls, $26,293, engrs. est. $25,000; also water lines and sewer in Broad View Allotment, to Guran & Bransich, Cuyahoga Falls, $27,800.

O., Portsmouth — Bd. Control, approximately 2,700 ft. 6 and 8 in. c.i. pipe, to Lynchburg Fdry. Co., Peoples Natl. Bank Bldg., Lynchburg, Va., $16,438; and valves, to Darling Valve & Mfg. Co., Walnut St., Williamsport, Pa., $2,784.

Mich., Detroit—Dept. Water Supply, 176 East Jefferson Ave., 36,825 ft. 6- to 12-in. c.i. mains in various streets, to L. J. C. Clancy, 3137 Canton Ave., $28,133. Noted Oct. 28.

Wis., Sheboygan Falls—Hydrants and valves, to J. B. Clow & Sons, North Talman Ave., and West Lake St., Chicago, Ill., $2,268; furnishing Class "B" c.i. water pipe, to Natl. Cast Iron Pipe Co., 122 South Michigan Ave., Chicago, Ill., $11,964; also laying water mains and sewers in various streets, to L. Lievense Co., R. 3, Sheboygan Falls, $25,978. Grand total $40,210. Noted Nov. 4.

Ia., Emerson — For 50,000 gal. tank on tower, to Chicago Bridge & Iron Co., 37 West Van Buren St., Chicago, Ill.; 13,464 ft. 4- to 8-in. c.i. pipe, to McWane Cast Iron Pipe Co., 208 South La Salle St., Chicago, Ill.; 17 gate valves and 23 fire hydrants, to H. Draper, Red Oak; hydrant and pipe line labor, to L. L. Hezzelwood, 706 15th St., Des Moines. Rejected bids on deep well, pump house and pump. Noted Oct. 21.

Neb., Blair — C. E. Krause, city clk., rein.-con. sedimentation basin, etc., to G. M. Robertson Co., 807 1st Natl. Bank Bldg., Lincoln, $12,964; pumps and motors, to Worthington Pump & Mchy. Corp., 825 Scarritt Bldg., Kansas City, Mo., $1,135; and pipe, to Central Fdry. Co., 332 South Michigan Ave., Chicago, Ill., $938. Grand total $15.036. Noted Oct. 21.

Tex., Electra—For 2 new settling basins each containing 250,000 gal. new noncorrosive chemical mixer, and raising concrete spillway 18 ft. doubling capacity of reservoir, to Natl. Water Purifying Co., Kaufman, $9,500.

Sewers

Proposed Work

N. J., Cranford—Twp. Com. plans 1.87 mi. sanitary and 1.43 mi. storm sewers, also improving 4½ mi. various streets. $453,-007. C. N. Collins, Cranford, engr.

Pa., Brentwood (Pittsburgh P. O.)—See "Unclassified."

Pa., East Pittsburgh—See "Streets and Roads."

Tenn., South Fulton (mail Fulton, Ky.)—Soon takes bids sewerage system. $40,000. Klyce & Harrub, 4th & 1st Natl. Bank Bldg., Nashville, engrs.

O., Kenmore (br. Akron)—Bd. Control soon takes bids storm sewer from Foost Rd. and Boulevard to main in 4th Ward Dist. $40,000.

O., Toledo — Voted $2,000,000 bonds, intercepting sewers; and $2,500,000 bonds, sewage disposal plant.

Ind., Kirklin—Soon takes bids sewerage system. $35,000. C. Brossman, 1503 Merchants Bank Bldg., Indianapolis, engr.

Mich., Fordson—Making plans 1,200 ft. 5 ft. 9 in. brick or concrete sewers, etc. in Wyoming Ave. Hubbell, Hartgering & Roth, 2640 Buhl Bldg., Detroit, engrs.

Ill., Mt. Pulaski—Making plans complete sewerage system. To exceed $100,000. Warren & Van Praag, Inc., Milliken Bldg., Decatur, engrs.

Ill., North Chicago — North Shore Sanitary Dist., Waukegan, takes bids after Jan. 1, sewage treatment plant, incl. grit chambers, settling and chlorination tanks, etc., here. $100,000. Pearse, Greeley & Hansen, 6 North Michigan Ave., Chicago, engrs.

Wis., Milwaukee — See "Streets and Roads."

Ia., Des Moines — Takes bids in December, North East Sewerage System, Line 1, 19,839 ft. 10- to 30-in. main outfall sewers, and Line 2, 80,643 ft. 10 in. laterals. $269,395. A. S. Jones, City Hall, designing engr.

Minn., Pipestone—Voted $61,000 bonds, sewage disposal plant.

S. D., Watertown—E. Skeels, city aud., plans sewage disposal plant. $300,000. W. T. Cochrane, city engr.

Ark., McGehee—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Mo., New Madrid—Election Nov. 30, $31,-000 bonds, approximately 25,000 ft. 8- to 12-in. sewers and sewage pumping plant, etc. A. C. Moore, Joplin Natl. Bank Bldg., Joplin, engr.

Mo., Princeton—Defeated $55,000 bonds, sewers in various streets. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, engrs. Noted Oct. 21.

Okla., Coalgate—Made preliminary plans sewage disposal plant, and 4,600 ft. 15 in. vitr. clay sewers, etc. in various streets. $27,000. Gantt-Baker Co., 1116 West Main St., Oklahoma City, engrs.

Okla., Pondcreek—Election Nov. 15, $50,-000 bonds, 32,000 ft. 8- to 15-in. vitr. clay sewers, etc. in all streets. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Oct. 21.

Wash., Auburn—Making specifications 2 trunk sewers, septic tank, etc. $198,653. J. A. Fallgreen, city engr.

Wash., Tacoma—Making plans 35,899 ft. 8- to 54-in. concrete sewers, laterals, etc. in area south of Pt. Defizne Park Tributary to Pearl St. trunk. $189,353. J. C. Manley, city engrs.

Calif., Corona — Making plans storm drainage system. To exceed $30,000. Currie Eng. Co., Stoneman Bldg., Alhambra, engr. Noted Sept. 9.

Calif., Los Angeles—Plans rein.-con. sewer, storm drain, and laterals, etc., in portions La Brea and Lexington Aves., etc.

Calif., Palo Alto—Making plans approximately 22,000 lin. ft. 10- to 24-in. concrete sewer in East Palo Alto Drainage Dist. J. F. Bxybee, Jr., city engr.

Bids Desired

N. Y., Jamestown — Nov. 29, by City Council, City Hall, sewage treatment plant. G. C. Diehl, Inc., 577 Ellicott Sq., Buffalo, engrs., H. B. Cleveland, 38 Park Row, New York City, consult. engrs.; adv. E. N.-R. Nov. 11. Noted Oct. 7.

Ala., Birmingham — Nov. 25, by City Comn., brick sewers in Shadyside Suburb. $26,100. Address City Engineer.

Ky., Louisville—Dec. 10, by Comrs. Sewerage, Bd. of Trade Bldg., 3rd and Main Sts., Bardstown Rd. Lateral, and Douglas Blvd. Laterals. J. B. F. Redd, ch. engr.; adv. E. N.-R. Nov. 11.

O., Cleveland—Nov. 17, by Bd. Comrs. Cuyahoga Co., 8,000 ft. 8- to 18-in. storm sewer in Mayfield Ridge Rd., Impvt. 315. To exceed $25,000. F. Williams, Court House, engr.

Mich., Detroit—Nov. 17, by Dept. Pub. Wks., 2,299 ft. concrete or brick interceptor sewer in tunnel in Jefferson and Parkview Aves., Detroit River Interceptor 1. P. A. Fellows, city engr.

Minn., Montgomery—Nov. 30, by F. J. Busta, city clk., sewage disposal plant, 38,100 ft. 8- to 18-in. vitr. clay sewers, etc. in various streets. $35,000. Druar & Milinowski, 500 Globe Bldg., St. Paul, engr.

Mo., St. Louis—See "Streets and Roads."

Tex., Corpus Christi—Nov. 17 by City Council, sewer improvements, incl. 2 sewer pumps, vertical centrifugal submerged type of 700 g.p.m. capacity, one against a head of 36 ft. J. T. Wright, city secy.

Tex., Wichita Falls—Taking bids sewers, etc., in various streets. $60,000. F. M. Rugeley, city engr.

Calif., Chula Vista—City Trustees taking bids 57,950 ft. 8- to 12-in. vitr. sewers, etc. in various streets. Burns-McDonnell-Smith Corp., Western Pacific Bldg., Los Angeles, engrs.

Calif., Los Angeles — Bd. Pub. Wks. taking bids 11.85 mi. storm drain and 1,354 ft. sanitary sewer in Arroyo de la Sacatela Storm Drain System, Sect. 3. Noted Oct. 14.

Bids Received

N. Y., Albany—Bd. Contr. & Supply, City Hall, Nov. 1, from S. B. Easton, 47 Fairlawn Ave., trunk sewer in Rose Court $6,930 sewer in Betwood St. $4,191, and Marwood St. $5,052, from E. B. Stevenson, 443 Bway., Matilda St. $16,500, Etherbert St. $2,527, and Porter Court $1,745, also from F. Sheehan, Inc., 446 Yates St., Fairview Ave. $228.

New Jersey—State Hy. Comn., Trenton, Nov. 1, 3,200 lin.ft. 12- to 42-in. double strength vitr. tile or rein.-con. storm water drain in Route 1, at Cranbury, Middlesex Co., from Celenteni & Wendland 509 Bridge St., Trenton, $30,764. Noted Oct. 21.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, Nov. 3, main sewer in Hellerman St., from A. Jafallo & L. Mark, 139 South 50th St., $87,288, and State Rd., from A. Mattia, 310 North 65th St. $52,-671; also removing present and constructing new sewer in Spruce St., from J. J. McHugh, 1617 Race St., $64,869. Noted Oct. 28.

O., Cleveland—Bd. Comrs. Cuyahoga Co., Oct. 27, **(a)** segment **(b)** brick **(c)** concrete **(1)** 12,000 ft. 8- to 36-in. sewer in Pearl Rd., Impvt. 103, **(2)** 10,000 ft. 8- to 30-in. Brookview Blvd., Impvt. 112, from Hanna-Michael Constr. Co., 646 Huron Rd., **(a1)** $126,688 **(b1)** $129,783 **(c1)** $124,283; from Union Constr. Co., 1436 West 81st St., **(a2)** $47,328 **(b2)** $50,928 **(c2)** $46,428. Noted Oct. 21.

Ill., Westchester—G. F. Nixon & Co., 105 West Monroe St., Chicago, storm sewers in suburb now being developed, here, from Gjellfald-Chapman Constr. Co., Forest City, Ia., $334,420; and sanitary sewers, from L. E. Meyer, 53 West Jackson Blvd., Chicago, $150,842. Noted Sept. 9.

Wis., Kilbourn—W. B. Shute, city clk., Oct. 29, 2,300 ft. 6 and 12 in. vitr. sewers, 1,610 ft. 6 in. risers, etc. in various streets, from J. Schlise, Sturgeon Bay, $20,970.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., Nov. 3, from Wenzel & Henoch Constr. Co., 498 27th St., 8- to 36-in. concrete sewers in Auer Ave. $2,395, and 11th Ave. $1,290; from Rausch & Busse, 918 44th St., Blue Mound Rd., $6,618; from G. E. Zimmermann, 3402 Grand Ave., Concordia Ave. $3,162, 8th Ave. $15,796, and 44th St. $9,012; from P. & L. Co., 038 Edgewood Ave., Grand Ave., 38th and 39th Sts., $11,928; from Mierswa Constr. Co., 582 20th St., Greenfield, 34th and 35th Aves., $8,288; from J. Forrestal Co., 215 15th St., Hope St. $655; and from Clayton Constr. Co., 929 Hackett Ave., Keefe Ave. $9,955.

Minn., St. Paul—Constructing Belt Line-Hayden Heights Sewer extension, from Thornton Bros., 318 Endicott Bldg., $52,-837. Noted July 29.

Minn., St. Paul—City, Nov. 3, constructing Belt Line-Wild Rose Sewer extension, from O'Neil & Preston, 608 Exch. Bank Bldg. $43,502.

Calif., Los Angeles—From J. Artukovich, 626 North Bunkerhill Ave. complete sanitary sewer in Blimp St. between Blake St. and Riverside Dr. $34,841; and 19,191 lin.ft. house connections at $1.08 per ft.

Contracts Awarded

Fla., Jacksonville — Sewers in various streets, to Drysard Constr. Co., Atlanta, Ga., and Inman & Co., Jacksonville, Fla., $250,000. Noted Oct. 7.

Constr. News page 309

POWERFUL

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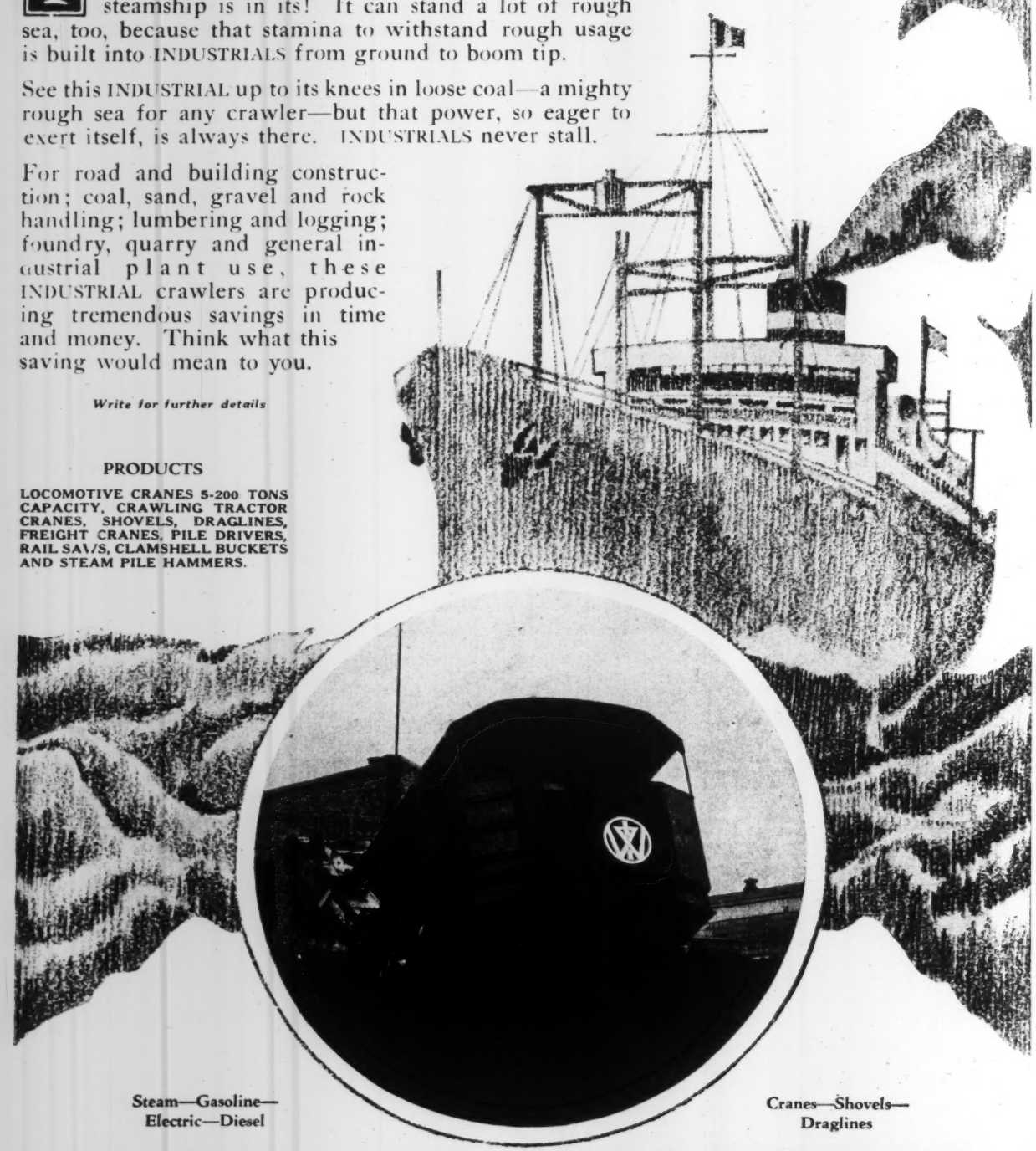

Steam—Gasoline—
Electric—Diesel

Cranes—Shovels—
Draglines

INDUSTRIAL WORKS, BAY CITY, MICHIGAN

Sewers (Continued)

O., Akron—W. F. Peters, dir. Pub. Serv. (c. e. **means engrs. est.**), 7,333 ft. 8- to 42-in. segmental block sewer in North Portage Path et al, to Loyd Contg. Co., Xenia, $66,267 e. e. $89,700, and 2,830 ft. 12- to 36-in. South Arlington St., to Shullo & DeLuca Constr. Co., 140 North Summit St., $29,135 e. e. $30,300; 2,100 ft. 12- to 24-in. vitr. sewer in Buchtel Ave., to T. E. McShaffrey Contg. Co., 173 South Forge St., $19,880 e. e. $22,400, and 280 ft. 12- to 18-in. Norton St., to McAlonan Bros., 506 Woodland Ave., $2,701 e. e. $2,700. Grand total $117,983. Noted Oct. 21.

O., Columbus—See "Waterworks."

O., Garfield—Brick sewer in Impvt. 1, Sect. 10, to W. McDowell & Son, 4120 East 104th St., Cleveland, $75,141; and concrete sewers in Impvts. 1, 8, 9 and 12, to Hadded-Mall Co., Schofield Bldg., Cleveland, $103,585.

Mich., Detroit—Dept. Pub. Wks., Lateral Sewer 4681, to T. D. Nolan, Plymouth Rd. and Pere Marquette R.R. tracks, $3,620; Lateral 4700, to Detroit Drainage Constr. Co., Meyers Rd., $10,090; Laterals 4702 and 4706, to Lincoln Constr. Co., 2565 Erskine Ave., $59,435; Lateral 4703, to Michigan Constr. Co., 2237 St. Joseph Ave., $71,321; Lateral 4704, to P. Cappello, 9323 Kresge Ave., $24,000; Lateral 4705, to C. R. Lennane Co., 2631 Woodward Ave., $5,386; Lateral 4710, to Waterway Constr. Co., 516 Transportation Bldg., $6,472; and Lateral 4711, to Western Constr. Co., 5123 Wessen Ave., $5,689. Grand total $186,-013. Noted Oct. 28.

Ill., Chicago—Sanitary District of Chicago, 900 South Michigan Ave., Des Plaines River Intercepting Sewer, to E. J. Albrecht, 35 South Dearborn St., $20,242; North Side Sewerage Treatment Plant, incl. heating plant, garages, repair shops and water tower, to J. Griffiths & Sons Co., 112 West Adams St., $903,782. Noted Mar. 4 and Oct. 7.

Wis., Sheboygan Falls — See "Waterworks."

Ia., Storm Lake—Currie Eng. Co., engrs., Webster City, sewage disposal plant designed for separate sludge digestion, incl. two 25 ft. Dorr clarifiers, one 30 ft. circular sludge digester, one 25 ft. square secondary tank, 2,913 ft. 4- to 18-in. pipe, 7,300 ft. 6 in. underdrains, etc., to J. A. Dunkel Constr. Co., Webster City, $92,250. Noted Oct. 14.

Waste Disposal

Proposed Work

Pa., Coraopolis — Voted $50,000 bonds, constructing incinerator.

Bids Received

Ala., Birmingham—A. W. Hawkins, city mgr., Room 407, City Hall, Oct. 26, 3 garbage and refuse incinerator plants, one 180 ton plant at 35th St. and Powell Ave., one 90 ton at Avenue W and Village Creek, Ensley, and other 60 ton at 24th St. and 23rd Ave., from C. O. Bartlett-Snow Co., Harvard and East 62nd St., Cleveland, O., Nye Orderless Crematory Co., Georgia Life Bldg., Macon, Ga., Superior Incinerator Co., Wilson Bldg., Dallas, Tex., Pittsburgh-Des Moines Steel Co., Curry Bldg., Pittsburgh, Pa., Universal By-Products Co., Buffalo, N. Y., De Carie Incinerator Co., 342 Madison St., New York City, Meldurms, Inc., 136 Liberty St., New York City, and Hiler Eng. & Constr. Co., New York City. Noted Oct. 14.

Bridges

Proposed Work

Mass., Boston—Owner, c/o G. P. Connor, archt., 19 Colorado St., Mattapan, plans concrete and steel bridge between two mercantile buildings to be constructed, Portland and Lancaster Sts. To exceed $25,000.

Pa., Sharon—Erie R.R. Co., 50 Church St., New York, N. Y., making plans superstructure two 145 ft. steel span, single track bridge over Shenango River, here. $30,000. R. C. Falconer, c/o owner, ch. engr.

Miss., Lucedale — See "Streets and Roads."

Tennessee—State Dept. Highways & Pub. Wks., Nashville, making surveys bridge over Tennessee River, on Highway 1, (Camden-Waverly Rd.), near Trotters Landing. To exceed $200,000. C. N. Bass, highway comr. Noted July 2, 1925.

Tenn., Fayetteville — Lincoln Co., and State Dept. Highways, Nashville, soon take bids rein.-con. bridge over Elk River, here. To exceed $25,000. C. N. Bass, comr. State Dept. Highways. Noted Feb. 25.

Tenn., Old Hickory—Davidson Co. (Nashville), takes bids in about 90 days, concrete and steel bridge over Cumberland River, here. $1,000,000. Noted Sept. 30.

Mich., Orion—Owner, c/o Hubbell, Hartgering & Roth, engrs., 2640 Buhl Bldg., Detroit, making plans concrete girder bridge at Indianwood Shores, here. $40,000.

Minn., South St. Paul—State Hy. Comm. St. Paul, Comrs. Ramsey Co. (St. Paul), Dakota Co. (Hastings) and Washington Co (Stillwater), at St. Paul, plan steel bridge over Mississippi River, here. $200,-000 or more. G. J. Ries, St. Paul, and Ramsey Co.

Mo., Liberty—Clay Co. voted $150,000 bonds, constructing bridge over Missouri River. E. Maier, Liberty, highway engr.

Tex., Cotulla—See "Streets and Roads."

Tex., Kerrville—See "Streets and Roads."

Tex., La Grange — See "Streets and Roads."

Okla., Vinita—State Hy. Dept., Oklahoma City, made surveys 2 span 120 ft. steel truss bridge on concrete piers, 91.4 tons truss steel, 21.4 tons reinforcing, etc., here, Craig Co. $40,000. J. M. Page, highway engr.

Okla., Warwick—State Hy. Dept., Oklahoma City, making preliminary plans 2 span 132 ft. steel truss bridge over Deep Fork, near here, Lincoln Co. $30,000. J. M. Page, highway engr.

Washington — Bremerton Bridge Co., Bremerton, plans 1,700 ft. cantilever type bridge on concrete piers across Washington Narrows, between Bremerton and East Bremerton. $500,000.

Bids Desired

Mass., Medford (br. Boston)—Nov. 16, by Dept. Pub. Wks., Boston, 425 ft. rein.-con. bridge and approaches over Mystic River, here, for Commonwealth of Massachusetts, Boston. To exceed $25,000. W. F. Williams, comr. Noted Sept. 2.

N. Y., Mount Vernon—Nov. 24, at office Westchester Co. Park Comn., 72 Pondfield Rd., Bronxville, stone faced rein.-con. arch bridge to carry New York, New Haven & Hartford R.R. tracks over Hutchinson River Parkway Dr., west of Pelham station, here. J. Downer, ch. engr.; adv. E. N.-R. Nov. 11.

Pa., Phila.—Nov. 30, by Director Pub. Wks. and Comrs. Montgomery Co. (Norristown), bridge over Schuylkill River, on line of Green Lane. G. H. Biles, dir.; adv. E. N.-R. Nov. 11.

Delaware—Dec. 1, by State Hy. Dept., Dover, superstructure for South Market St. Bridge over Christiana River, in Wilmington; also clearing, grubbing, grading and concrete paving 6,650 cu.yd. Greenwood-Adamsville, Contr. C856, and 4,860 cu.yd. Adamsville-Hickman, Contr. 74; adv. E. N.-R. Nov. 11. Noted Oct. 28.

Florida—See "Streets and Roads."

Ia., Osceola—Nov. 18, at office Auditor Clarke Co., one 40 x 24 ft. I-beam bridge, 43 culverts and 4 culvert extensions on Primary Bridge Project 114. C. F. Pfiffner, Osceola, co. engr.

Kan., Iola—Nov. 25, by Clerk Allen Co., two 82 ft. and one 122 ft. span concrete bridge, on Federal Aid Project 367-A. A. R. Stroup, Iola, co. engr.

Tex., Galveston — See "Streets and Roads."

Tex., San Antonio—See "Streets and Roads."

Que., Deschambault—Dec. 8, by A. Naud, municipality secy., 125 ft. span concrete and steel superstructure bridge over Bonchette River. I. E. Vallee, 67 St. Cyrille St., Quebec, engr.

Bids Received

New York and Pennsylvania — A. W. Brandt, comr. Bureau Highways, Albany, N. Y., Nov. 5, repairing and strengthening Port Jervis, Matamoras, Barryville-Shohola and Skinners Falls-Milanville interstate bridges, 87,200 lb. structural steel, 39,675 lb. miscellaneous iron and steel, etc., from Hinwood, Howe, Lathrop Co., Scranton, Pa., $27,929; and Cohecton-Damascus, Callicoon-Damascus and Hancock-Buckingham interstate bridges, 116,000 lb. structural steel, 19,100 lb. miscellaneous iron and steel, etc. from Albany Bridge Constr. Co., 518 Bway., Albany, N. Y., $45,508. Noted Oct. 21.

N. J., Newark—State Hy. Dept., Trenton, Nov. 1, 240 ft. steel bridge over Central R.R. of New Jersey tracks, at Briels Junction, and 2,100 ft. concrete and steel encased in concrete bridge between point 220 ft. west of Wilson Ave. and Point approximately 200 ft. west Delaney St., both on Sects. 11 and 12, Route 1 extension, here, from A. O'Neil, 1524 Chestnut St., Phila., Pa., $957,860. Noted Oct. 14.

Contracts Awarded

New York — Bd. Supervs. Court House, White Plains, rein.-con. and masonry bridge over Bronx River, at Midland Ave., in town of Eastchester, and cities of Mount Vernon and Yonkers, to Coast Constr. Co., Red Bank, N. J., $34,870. Noted Oct. 21.

Pennsylvania — Comrs. Allegheny Co. (Pittsburgh), Bridge 5, 3 river spans 2,423 ft. long, over Monongahela River, between McKeesport and Duquesne, to Amer. Bridge Co., Frick Bldg., Pittsburgh, $858,650. Engrs. est. $1,000,000. Noted Oct. 14.

Pa., Guyasuta (mail Aspinwall)—Comrs. Allegheny Co., Court House, Pittsburgh, constructing Bridge 5 over Pennsylvania R.R. tracks, here, to Amer. Bridge Co., Frick Bldg., Pittsburgh, $34,643. Engrs. est. $36,000.

Louisiana — State Hy. Comm., Baton Rouge, Bayou Macon Bridge, steel, on Federal Aid Project 170A, East and West Carroll Parishes, to F. D. Harvey & Co., Jonesboro, $26,835. Noted June 24.

Kan., Osborne—See "Streets and Roads."

Okla., Granite—State Hy. Dept., Oklahoma City, 3 span 360 ft. steel truss bridge on concrete piers, incl. 266.9 tons truss steel, 37.25 tons reinforcing, 290 ft. hand rail, 770 ft. wooden piling, etc., here, Green Co., to J. W. Williams, 425½ West Main St., Oklahoma City, $65,076. Engrs. est. $75,000. Noted Oct. 28.

Wash., Chelan—Chelan Co. (Wenatchee), replacing steel truss span bridge with nine 50 ft. 9 in. rein.-con. girder span bridge, 20 ft. roadway and two 4 ft. sidewalks over Chelan River, here, to P. Manson & Co., Grand Trunk Dock, Seattle, $54,395. Noted Oct. 7.

California—State Hy. Dept., Sacramento, (**c.e. means engrs. est.**) constructing 30 ft. arch span concrete bridge over Las Virgenes Creek, 40 ft. span bridge over Vejor Creek, and 30 ft. span bridge over West Fork Vejor Creek, all foregoing in Los Angeles Co., and repairing eight 30 ft. span bridge over Conejo Creek, Ventura Co., to H. Auerbach, 1165½ North Kingsley St., Los Angeles, $21,324 e.e. $27,054; constructing two 54 ft. span rein.-con. bridge over Eaton Canyon Wash, on Foothill Blvd., Los Angeles Co., also two 45 ft. 8 in. and two 28 ft. 4 in. concrete piers and abutements bridge over Las Flores Creek, San Diego Co., to Sidney Smith, 2025 Bay St., Los Angeles, $32,-440 and $22,220 respectively, e.e. $44,828 and $23,863 respectively; also grading and crushed gravel or stone surfacing approximately 3.3 mi. at Ellwood Overhead Crossing, Santa Barbara Co., to E. Schelling, 4362 South Figueroa St., Los Angeles, $16,542 e.e. $19,140. Grand total $92,-526. Noted Oct. 7.

Ontario—R. H. McGregor, Reeve, East York Twp., office Sammon Ave., East York, for East York Leaside-Bridge, 10 span, 1,300 ft. steel, 130 ft. high over DonValley in East York Twp., to Roger Miller & Son, Spadina Ave. and Fleet St., Toronto, $660,-823. Noted Oct. 28.

Dams

Bids Desired

Tex., Cotulla—See "Excavations, Drainage, Irrigation, Levees, River and Harbor."

Contracts Awarded

Tex., Llano — Texas Pub. Utilities Co., Waco, will build 2,500 ft. rein.-con. dam, 170 ft. high, on Colorado River, near Bluffton, 18 mi. from here, lake covers approximately 81,000 acres land. Work will be done mostly by own forces. $3,000,000. Private plans.

Railways

Proposed Work

North Carolina — Comrs. Bertie Co. (Windsor), voted $50,000 bonds, converting present narrow gauge Carolina Southern Ry. into standard gauge railroad in Windsor. Noted Oct. 21.

Texas—Cisco & Northeastern Ry. Co., R. Q. Lee, pres. and genl. mgr., Cisco, plans extending 35 mi. railway line from Breckenridge to Throckmorton.

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Granite Lives Forever —
The Jersey Plaza of the Holland Vehicular Tunnel

is under contract to be paved with

Granite Blocks

Here you have a test of durability. All of the traffic that will pour in and out of the Holland Tunnel will pound the Jersey Plaza.

But what does it matter? Granite Lives Forever. Granite Paving Blocks can stand it—and will stand it.

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Railways (Continued)

Washington—Chicago, Milwaukee & St. Paul R.R. Co., C. F. Lowther, ch. engr., Union Sta., Chicago, Ill., making plans electrifiying 10 mi. main line between Seattle and Black River Junction, here. $250,000.

Bids Desired

Ontario—See "Contracts Awarded."

Contracts Awarded

Ohio—W. Micheal, ch. engr. Chesapeake & Hocking Ry. Co. (subsidiary of Chesapeake & Ohio R.R. Co., Richmond, Va., C. W. Johns, ch. engr.), grading and masonry on new line from Waverly to Parsons Ave. yards of Hocking Valley Ry. in Columbus, Sect. 1, 6.99 mi. from Parsons Ave. Yards to Franklin-Pickaway Co. line, to Fritz-Rumer Cook Co., 218 South High St., Columbus; Sect. 2, 10 mi. from Franklin-Pickaway Co. line to Bells, to Ferguson & Edmonson, Pittsburgh, Pa.; Sect. 3, 7 mi. from Bells to Milepost, to Sturm & Dillard, 33 North High St., Columbus; Sect. 4, 7.5 mi. from Milepost 25 to Milepost 32, to Dominion Constr. Co., Niles, Mich., Sects. 5 and 6, 10.73 mi. from Milepost 32 to Milepost 43, to Walsh Constr. Co., 605 Kahl Bldg., Davenport, Ia.; Sect. 7, 10.01 mi. from Milepost 43 to Milepost 53, to A. Guthrie, St. Paul, Minn.; Sect. 8, 11 mi. from Milepost 53 to south terminus at Waverly, to H. W. Nelson Co., 80 East Jackson Blvd., Chicago, Ill. Total $12,-500,000. When above work is completed same to be turned over to Chesapeake & Ohio R.R. Co.

Ohio and Michigan—Wabash R.R. Co., Ry. Exch., St. Louis, Mo., R. H. Howard, ch. engr., 21.6 mi. second main track, incl. laying rails, ballasting, etc. from Lima Junction, O., to Britton, Mich., to Industrial Track Constr. Co., Title Guaranty Bldg., St. Louis, Mo. Engrs. est. $1,400,000.

Ontario—Toronto Transportation Comn., Ryrie Bldg., Toronto, will extend ¼ mi. double track electric railway from Trout to Fleet Sts., in Toronto, by day labor. $100,000. D. W. Harvey, Ryrie Bldg., Toronto, ch. engr.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Ark., McGehee—McGehee D. D., Desha Co., c/o Poff & Smith, attys., making preliminary plans enlarging 6 mi. ditch and constructing 3 mi. new ditch, 325,000 cu.yd. excav., and 5,500 ft. storm sewers, etc., in existing Black Pond Dist. Approximately $50,000. Baxter Eng. Co., 1417 New Donaghey Bldg., Little Rock, engrs.

Tex., Brownwood—Brown Co. Conservation Dist., election Nov. 20, $40,000 bonds, increasing water supply, creating conservation district, etc. Plans are to ultimately construct dam below junction Jim Ned Creek and Pecan Bayou, approximately $1,500,000. J. H. Ross, c/o Brady Bldg., and P. A. Welty, Brownwood, engrs. Noted Aug. 12.

Tex., Pharr—Hidalgo Co. Water Impvt. Dist. 2, defeated $1,500,000 bonds, irrigating 65,000 acres, etc. Noted Oct. 28.

Calif., Colusa — Reclamation Dist. 2070 making plans levee and intercepting high line drainage systems, pumping plant pumping water within levee, and constructing internal drainage system. To exceed $75,000. C. De St. Maurice, Colusa, engr.

Calif., Gerber — El Camino Irrigation Dist. voted $420,000 bonds, completing underground pipes for irrigating 7,500 acres. F. H. Tibbetts, Alaska Commercial Bldg., San Francisco, engr.

Bids Desired

Miss., Bay St. Louis — Dec. 7, by Road Protection Comn. of Hancock Co., Court House, road protection along Bay St. Louis, incl. 48,800 ft. concrete wall, 2,679 lin.ft. 12 in. drain pipe, 1,104 ft. concrete in culverts, 88,920 lb. reinforcing, 10,830 cu.yd. excav., 261,500 cu.yd. dredged earth fill. J. W. Billingsley, Interstate Bank Bldg., New Orleans, La., consult. engr. also Nov. 11. Noted Oct. 28.

La., Shreveport—Nov. 23, by Bd. State Engineers, Court House, New Orleans, approximately 2,100 ft. bank protection in Shreve's Island Bend, right bank Red River, Caddo Parish.

Tex., Cotulla—Dec. 6, by W. A. Kerr, secy. Bd. Directors La Salle Co. Water Impvt. Dist. 1, 100 mi. main canals, 175 mi. laterals, and approximately 2 mi. earthern reservoir dam, etc., across Nueces River, 9 mi. from here; adv. E. N.-R. Nov. 11. Noted Aug. 27.

Contracts Awarded

La., Port Allen — Comrs. Atchafalaya Basin Levee Dist., Point Coupee Parish, approximately 17,000 cu.yd. excavating in Nine Slides, to Shackelford & Irvine, Baton Rouge, at $0.375 per yd. Noted Oct. 21.

La., Scott — Indian Bayou Sub-Dist. 1, Lafayette Parish, approximately 290,000 cu.yd. dredging in certain drainage canals, to G. B. Zeigler & Co., Jennings, $31,900. Noted Oct. 14.

La., Shreveport — Caddo Levee Dist., Caddo Parish, W. A. Kerley, secy., 126 Milam St., approximately 53,000 cu.yd. excav. in Cowhide Bayou Sub-Lateral, to V. S. Harris, 126 Milam St., at $0.1525 per cu.yd. Noted Sept. 23.

Greece, Macedonia—Reclaiming swamps, to Foundation Co., 120 Bway., New York City, N. Y., U. S. A., $25,000,000.

Streets and Roads

Proposed Work

Mass., Boston—Dept. Pub. Wks. plans substituting granite block paving for present macadam surface on Charter St. $25,-000. J. H. Sullivan, comr.

Mass., Gloucester—Dept. Pub. Wks., plans macadam paving Farrington Rd. from Gate Lodge to Bass Rocks. $30,000. A. Griffin, city engr.

N. J., Cranford—See "Sewers."

N. J., Hoboken—Hudson Co. (Jersey City) plans widening Grove St., here. $250,000. F. J. Radigan, Jersey City, engr.

N. J., Hoboken—Mayor and City Council, D. A. Haggerty, clk., authorized issuance $647,000 bonds, grading, curbing, and paving various streets.

N. J., Paterson—North Bergen Twp. Com. plans curbing and permanent paving Grand Ave. from Hoboken St. to Paterson Ave., $26,130. R. B. Glen, twp. engr. F. J. Radigan, consult. engr.

Pa., Castle Shannon — Voted $40,000 bonds, improving various streets.

Pa., East Pittsburgh — Voted $200,000 bonds, constructing streets and sewers in various streets.

Pa., Port Vue (McKeesport P. O.) — Voted $65,000 bonds, improving various streets.

Pa., Tarentum — Voted $125,000 bonds, improving various streets, etc.

Miss., Ashland—Benton Co. plans election $130,000 bonds, grading, hard-surfacing, etc. roads in Dists. 1 and 2, etc.

Miss., Lucedale—George Co. election Nov. 30, $275,000 bonds, improving 16 mi. roads, and constructing two concrete and steel bridges.

Miss., Winona—Montgomery Co. voted $250,000 bonds, grading, paving, etc. portions Jeff Davis and Greenville-Columbus Highways.

Miss., Winona — Montgomery Co. voted $250,000 bonds, improving roads. Noted July 1.

La., Crowley—Police Jury Arcaida Parish voted $150,000 bonds, grading and graveling, etc. 30 mi. roads in 4th Ward. Noted Dec. 24.

La., Baton Rouge—East Baton Rouge Parish, takes bids about Nov. 18, grading, curbing and concrete paving 39,000 sq.yd. North Boulevard and Clay Ave. R. Swart, Court House, engr.

La., Jennings — Voted $75,000 bonds, grading, curbing and concrete paving various streets.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, making surveys improving 12 mi. Carthage-Cookeville Rd., Smith Co.; and 10 mi. Pope-Tennessee River Rd., Perry Co. C. N. Bass, highway comr.

Tenn., Winchester — Rejected bids Oct. 12, curbing, guttering and rock asphalt on concrete paving 40,000 sq.yd. various streets. To exceed $25,000. Will readvertise in spring. Klyce & Hanub, 4th & 1st Natl. Bank Bldg., Nashville, engrs. Noted Sept. 30.

Ky., Harlan—Harlan Co. election soon $400,000 bonds, improving roads.

Mich., Detroit—Made plans grading and 3½ in. sheet asphalt on 8 in. concrete paving, etc. 39,850 sq.yd. 2 avenues and 7 streets. $163,340. P. A. Fellows, City Hall, engr.

Ill., Chicago—Cook Co. voted $15,000,-000 bonds paving and widening 57 mi. various streets, avenues and roads, 20 to 40 ft. A. J. Cermak, pres. Highway Bd.

Ill., Clinton—Made plans widening, remodeling lighting system and extending water mains, in approximately 25 blocks various streets. $85,000. Warren & Van Praag, Inc., Milliken Bldg., Decatur, engrs.

Wis., Milwaukee — Alhambra Gardens, c/o A. Trostel, 879 North Water St., making plans grading, sewers, watermains, house connections, and concrete paving, etc., new subdivision, Downer Ave. and Lake Dr. $25,000. H. A. Schmitt, 1288 Monroe Ave., engr.

Wis., Wausau — Marathon Co. voted $3,000,000 bonds, 6 in. concrete paving 140 mi. various roads. J. H. Clark, Wausau, co. engr.

Wis., Waupaca—Waupaca Co., J. Huffcut, comr., plans concrete paving 43.15 mi. and graveling 69.2 mi. various roads. $1,200,000 bond issue.

Wis., Wautoma — Waushara Co., F. Grimm, comr., voted $1,050,000 bonds, concrete paving Trunk Highways 10, 73, 21 and 49.

Ia., Tipton—Cedar Co. voted $1,129,000 bonds, paving 35 mi. and graveling 137 mi. various roads. R. O. Zimmerling, Tipton, co. engrs. Noted Oct. 7.

Arkansas—State Hy. Dept., Little Rock, soon takes bids grading and graveling 8 mi. Fulton Highway between Texarkana and Pauls Spring. R. C. Limerick, highway engr.

Ark., Little Rock—Soon takes bids grading, curbing, guttering and paving 75,000 sq.yd. streets in Paving Dist. 454. $300,-000. F. A. Pritchett, 302 Regiler Bldg., engr. Noted Sept. 2.

Tex., Cotulla—La Salle Co. making plans grading, bridging and bituminous macadam paving 46 mi. Highway 2, through county, $1,180,000; also 28 mi. Cotulla-Beeville Rd from Cotulla to Foulertown, $577,000, both 18 ft. V. B. Harris, Cotulla, co. engr.

Tex., Cotulla—LaSalle Co. making plans grading, bridging, bituminous macadam paving 7 mi. Highway 55, 18 ft. $153,000. V. B. Harris, Cotulla, co. engr.

Tex., Groesbeck — Limestone Co. plans rock asphalt on crushed rock and bituminous macadam paving 3.858 mi. Highway 7, extending northwest from city limits of Groesbeck, $164,400; and takes bids about Nov. 25, paving 2.227 mi. Highway 7, $122,500. H. Boyette, c/o Pittman Bldg., Mexia, engr.

Tex., Houston — Harris Co. made plans and soon take bids rein.-con. paving 6.53 mi. Highway 6, Federal Aid Project 466-A and D, Unit 2, 18 and 20 ft. $134,644. Howe & Wise, 1st Natl. Bank Bldg., engrs.

Tex., Kerrville—Kerr Co. making plans grading, bridging and crushed rock surfacing, etc.. 15 mi. Rock Springs Rd., 18 ft. $218,000. W. E. Simpson Co., 414 Natl. Bank of Commerce Bldg., San Antonio, engrs.

Tex., La Grange — Fayette Co. making plans grading, bridging and graveling 6 mi. Highway 44, Rd. Dist. 2, 18 ft. $119,500. R. E. Schiller, La Grange, engr.

Tex., Midland—Election Nov. 23, $25,000 bonds, permanent paving various streets. Montgomery & Ward, Harvey-Snider Bldg., Wichita Falls, engr.

Tex., Spearman — Election soon $40,000 bonds, permanent paving various streets. Devlin Eng. Co., Central Bldg., Amarillo, engrs. Noted Sept. 23.

Oklahoma—State Hy. Dept., Oklahoma City, plans grading, etc., 11 mi. Highway 3 between Weatherford and Clinton, 30 ft., Custer Co. $60,000. J. M. Page, highway engr.

Okla., Oklahoma City—Plans grading, curbing, guttering and sheet asphalt paving 7,740 sq.yd. 28th, 30th, Florida and McKinley Sts. $36,210. B. M. Hart, City Hall, engr.

Wash., Tacoma—Plans grading and concrete paving, etc., 8,410 ft. South 14th, 15th, 16th, 17th, 18th and 19th Sts., 40 ft. $122,-114, and 5,000 ft. North Lawrence St., 30 ft. $73,077; also reinforced slab r taining wall, cross walks, etc 1,700 ft. east side Market St., 14 ft., $79,834. J. C. Manley, city engr.

Calif., Los Angeles—Plans 8 in. concrete paving Sunset Blvd. between Normandie Ave. and Canyon Rd. To exceed $50,000. City appropriates approximately $50,000 and balance by property owners toward cost; also grading, concrete paving, etc. McDonald Ave. and portions K and S Sts., etc., to exceed $25,000.

Calif., Los Gatos—Plans paving various streets. To exceed $25,000.

Bids Desired

Massachusetts—Nov. 16, by Dept. Pub. Wks., Boston, graveling 10,604 ft. highway in Peru and Worthington; bituminous macadam paving 3,372 ft. in Quincy, and 4,567 ft. in Agawam, all 18 ft. W. F. Williams, comr.

Mass., Boston—Nov. 12, by Dept. Pub. Wks., sheet asphalt or bitulithic paving

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Streets and Roads (Continued)

Rosindale Ave., Williston Rd., Gordon and Walworth Sts., Wards 20 and 21. $37,000 bonds. J. H. Sullivan, comr.

Mass., Boston—Nov. 23, by Dept. Pub. Wks., bituminous macadam paving 13,096 ft. Southern Route Highway, 18 ft. W. F. Williams, Comr.

N. Y., New York—Nov. 16, by Park Bd., at office Dept. Parks, Arsenal Bldg., Central Park, grading and asphaltic paving and repaving walks of Harlem River Driveway and High Bridge Park. F. D. Gallatin, pres.

New Jersey—Nov. 22, by State Hy. Comn., Trenton, grading and rein.-con. paving, etc. 14,535 sq.yd. Ocean City-Somers Point Rd., Cape May Co. A. L. Grover, secy.; adv. E. N.-R. Nov. 11.

N. J., Keansburg — Nov. 22, by Boro Council, grading, curbing and 8 in. rein.-con. paving, etc. 20,000 sq.yd. Carr Ave. J. B. Wright, boro engr.; adv. E. N.-R. Nov. 11.

Delaware—See "Bridges."

Md., Baltimore—Nov. 17, by Bd. Awards, grading, curbing, and sheet asphalt paving 10,750 sq.yd. streets listed in Contr. 378. S. Purcell, City Hall, highways engr.

S. C., Blacksburg — Nov. 16, by Town Council, curbing, guttering, sidewalks, and paving 14,000 sq.yd. various streets. $50,000. Harwood Beebe Co., Spartanburg, municipal engr.

Fla., Jacksonville — Nov. 17, by City Comn., vitr. brick on limerock paving 18,624 sq.yd. Bower Ave. and 10 streets; 6 in. concrete with bituminous material paving 30,979 sq.yd. 3 avenues and 5 streets; 7 in. concrete paving 16,212 sq.yd. 4 streets; 2 in. asphaltic concrete on 6 in. concrete paving 22,947 sq.yd. 2 streets and 3 avenues; 2 in. asphaltic concrete (natural lake asphalt) on 6 in. concrete paving 27,484 sq.yd. 4 streets; 2 in. asphaltic concrete on 6 in. limerick paving 950 sq.yd. Herschel St.; also 2 in. asphaltic concrete (natural lake asphalt) on 6 in. limerock paving 7,720 sq.yd. 16th St. and Challen Ave. F. H. Owen, chn.

Ala., Birmingham — Nov. 25, by City Com., concrete, asphalt paving 26 blocks Terrace Rd., Cotton, Division, Hillside and 38th Aves. N., 14th and 38th Sts. S., $101,510; and sidewalks on 5th Ave. S., $3,500.

Kentucky—Jan. 7, by State Hy. Dept., Frankfort, grading 65.9 mi. roads in Bullitt, Hardin, Leslie, McCracken, Menifee, Montgomery and Perry Counties; grading and surfacing 18.4 mi. roads in Logan and Todd Counties; surfacing 13.4 mi. roads in Campbell and Webster Counties; also shouldering, grading and surfacing 10.5 mi. roads in Spencer Co. E. N. Todd, highway engr.

O., Columbus—Nov. 30, by W. H. Duffy, dir. Pub. Serv., curbing, guttering, extending mains and sewers, and widening High St. from 5th Ave. to Dodridge St. $102,806. R. H. Simpson, City Hall, engr. Noted Nov. 4.

Ind., Crown Point—Nov. 22, by Comrs. Lake Co., constructing Verplank and Fleming Rds. $102,700. W. E. Whitaker, Crown Point, co. aud.

Ind., Evansville—Nov. 22, by Comrs. Vanderburgh Co., macadam paving Big Cynthiana Rd. $109,642. S. Bell, Evansville, engr.

Ind., Exansville—Nov. 29, by Comrs. Vanderburgh Co., concrete paving Petersburg Rd. $252,679. S. Bell, Evansville, co. engr.

Ind., Peru — Nov. 23, by City Council, paving Grant St., $29,770. H. L. Baltimore, Peru, clk.

Ia., Fairfield—Nov. 17, at office Auditor Jefferson Co., grading, paving, etc., 115,619 sq.yd. road west of here.

Ia., Osceola—Nov. 18, by Auditor Clarke Co., grading 174,744 cu.yd. primary roads from Osceola west. C. F. Pfiffner, Osceola, co. engr.

Ia., Ottumwa—Nov. 16, at office Auditor Wapello Co., grading, paving, etc. 115,103 sq.yd. primary road east of here.

Minnesota—Nov. 30, by State Hy. Dept., St. Paul, **(F. A. P. means Federal Aid Project and S. P. means State Project)**, grading, etc., 380,000 cu.yd. S. P. 4-31, F. A. P. 392, 106,000 cu.yd. S. P. 6-47, F. A. P. 388, 90,000 cu.yd. S. P. 9-21, Sect. 1, F. A. P. 399, 147,200 cu.yd. S. P. 11-23, F. A. P. 379, and 210,000 cu.yd. S. P. 12-25, F. A. P. 305; grading 150,000 cu.yd., and constructing Bridge 3809 60 ft., concrete, on S. P. 2-27, Div. B, F. A. P. 348, 305,000 cu.yd. and Bridges 4663 and 4664, on S. P. 2-33, Sect. 2, F. A. P. 348, 242,000 cu.yd. and Bridge 4662, S. P. 9-40, Sect. 1, F. A. P. 398, 165,000 cu.yd. and Bridge 4558, S. P. 12-30, F. A. P. 402, and 255,499 cu.yd. and Bridges 4556 to 4661 (inclusive) on S. P. 59-21, Sect. 4, F. A. P. 357; also paving 120,000 sq.yd. S. P. 1-26, F. A. P. 321, 69,600 sq.yd. S. P. 3-46, Sect. 2, F. A. P. 307, and 129,300 sq.yd. S. P. 10-23, F. A. P. 210. Eng. Dept. State Hy. Dept., engrs. State furnishes cement.

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Kan., McPherson—Nov. 26, by Clerk McPherson Co., improving 9.04 mi. Federal Aid Project 287-A, 59,800 cu.yd. excav., 23,644 ft. hedge, 5,655 ft. guard fence, 704 ft. c.i. pipe, 54,085 lb. reinforcing. G. D. Johnson, McPherson, co. engr. Noted Sept. 23.

Mo., St. Louis—Nov. 30, by Bd. Pub. Serv., 208 City Hall, grading Glades Ave. between Kraft and McCausland Sts. $5,400, also Devlin St. between Sulphur and West Park Aves. $3,480; and constructing Sect. 3, Plan B Camp Springs Sewer, 900 ft. 6- to 48-in. brick, segmental block or vitr. clay pipe. $16,000. W. W. Horner, 300 City Hall, engr.

Tex., Galveston—Nov. 16, by State Hy. Dept., Austin, grading, bridging, and rein.-con. paving 3.111 mi. Highway 6, Federal Aid Project 466-J. $150,000. C. C. Washington, Galveston, co. engr.

Tex., San Antonio—Nov. 16, by E. T. Smith, chn. State Hy. Comn., Austin, clearing, grubbing, grading, bridging, gravel surfacing, etc. 9.152 mi. Highway 3, Federal Aid Project 459, here, Bexar Co., 18 ft. $114,700. A. C. Pancoast, San Antonio, co. engr.

Tex., San Marcos — See "Contracts Awarded."

Okla., Wewoka — Nov. 15, by D. R. Fraser, city clk., grading, curbing and concrete paving 14,225 sq.yd. Dist. 7. $62,215. Long & Co., Colcord Bldg., Oklahoma City, engrs. Noted Oct. 14.

Calif., Beverly Hills—City Trustees taking bids curbing, guttering, walks and 5 in. Warrenite paving, etc. 353,773 ft. Carson Rd., Hamel Dr., etc.

Calif., Los Angeles—Nov. 22, by Supervs. Los Angeles Co., grading and concrete paving, etc., 125,825 sq.ft. Amestoy Ave., Co. Impvt. 412, to exceed $30,000; also 8 in. concrete paving 157,919 sq.ft. and 10-7-10 in. cnocrete paving 349,180 sq.ft. Atlantic Ave., Co. Impvt. 604, to exceed $100,000. J. C. Shaw, City Hall, engr.

O., Cincinnati—Comrs. Hamilton Co., Oct. 29, grading and tar bound macadam repaving 27,600 sq.yd. South Rd., from Craig & Jordan, Blanchester, $55,243. Engrs. est. $66,308. Noted Oct. 21.

O., Cleveland—City, Oct. 27, grading and paving with **(a)** brick **(b)** asphalt **(c)** concrete **(1)** 1.770 sq.yd. Parklawn Ave. **(2)** 5,700 sq.ft. Southview Ave., from Ridley Bros., The Arcade, **(a1)** $10,826 **(b1)** $9,152 **(c1)** $8,397; from Cleveland Trinidad Paving Co., The Arcade, **(a2)** $32,292 **(b2)** $26,364 **(c2)** $25,783. Noted Oct. 21.

Neb., Omaha—J. P. Hoctor, city clk., from C. Vacanti & Son, 602½ Pierce St., art stone paving, etc., 2,901 yd. Dist. 2680, 3045, 3021 and 3063, at $1.50 per yd., 502 yd. Dist. 2988 $1.52, and 297 yd. Dist. 3047 $1.54; from C. Noble & Co., 1455 South 12th St., 848 yd. Dist. 3089 $1.52; from J. Sherlock Constr. Co., 1805 Dodge St., asphalt paving, etc., 615 yd. Dist. 3091 at $3.18, also from J. Kerns Constr. Co., 1809 Dodge St., curbing and asphalt surfacing Dist. 3097 at $10 per yd.

Neb., Omaha—J. P. Hoctor, city clk., improving, Ida, Newport, Redlick, Vernon, Curtis, Nebraska, Kansas, Crown Point Aves., 34th, 35th, 38th and 39th Sts., etc., in Dist. 230, from J. W. Wachtler, 1805 Dodge St., at $0.18.

Tex., Brenham—Washington Co., rein.-con. paving 18.21 mi. Highway 38, Federal Aid Project 358, Unit 2, 18 ft., from Harrison Eng. & Constr. Corp., 506 Mutual Bldg., Kansas City, Mo., $431,109.

Tex., Brenham — Washington Co., Oct. 26, rein.-con. paving 191,327 sq.yd. Highway 36, Federal Aid Project 358, from Harrison Eng. & Constr. Co., 506 Mutual Bldg., Kansas City, Mo., $431,109. Engrs. est. $511,000. Noted Sept. 30.

Tex., Houston — Harris Co., bituminous on concrete paving Dunlavey St. from Bessonet to Richmond Aves., from Scott Shambaugh, 1401 Dowling St., $42,367. Engrs. est. $45,000.

Calif., Hawthorne — Grading, curbing, guttering and 1½ in. asphaltic concrete surfacing West New York Ave., 5th St., etc., from G. H. Oswald, 366 East 58th St., Los Angeles, approximately $65,000.

Bids Received

Massachusetts—Dept. Pub. Wks., Boston, sheet asphalt or bitulithic paving Crawford St. in Roxbury from M. DeMatteo, 14 Rowe Pl., Rosindale, $34,315; portland cement and recut granite block paving Medford St. in Charlestown, from A. DeStefano, 288 Summer St., East Boston, $80,081; granite block paving Harrison Ave. etc. Boston proper and Roxbury, from B. E. Grant Co., 100 Floyd St., Roxbury, $37,553. Noted Nov. 4.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., Nov. 5, grading, curbing and granite block repaving Canal Pl., from J. Meehan & Son, Inc., 90 West St., $54,879. Noted Oct. 28.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., Nov. 4, widening and sheet asphalt paving 58th St., from Sicilian Asphalt Paving Co., 41 Park Row, $50,775; and sheet asphalt repaving Bway., 64th St., etc., from W. J. Fitzgerald, Grand Central Terminal, $59,895. Noted Oct. 28.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, Nov. 3, curbing, guttering, etc. Patten Ave., from Vanbro Constr. Co., 24 Elizabeth St., West New Brighton, $5,041. Noted Oct. 28.

New Jersey—State Hy. Comn., Trenton, Nov. 8, 10 in. double line rein.-con. paving extension Routes 2, 3 and 6 on Delaware River Bridge Approaches, Connecting Rd. Sects. 1a and 2a, Camden Co., from Union Paving Co., 123 South 21st St., Phila., Pa., $306,047. Noted Oct. 21.

Pennsylvania—State Hy. Dept., Harrisburg, Nov. 5, **(R. means Route and A. means Application)**, one course rein.-con. paving 7,931 ft. A. 2845-2828-A, Huntingdon Co., from L. Swartz, Spengler $61,981; 15,749 ft. R. 441, A. 4348, York Co., from P. R. Hostetter Co., Inc., Sumner St., York, $128,537; 10,210 ft. R. 287, A. 4373, Lehigh Co., from Sherman & Rhodes, Weissport $75,284; 5,195 ft. R. 112, Sect. 4, A. 1238, Greene Co., from E. E. Morris, Waynesburg, $53,811; 13,200 ft. R. 246, A. 1329, Butler Co., from O. Bracht, Titusville $69,985; and 13,805 ft. R. 70, Sect. 48, A. 1358, Allegheny Co., from McCrady Bros. Co., 306 6th St., Braddock, $222,553. Noted Oct. 21.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, Nov. 4, from Union Paving Co., 123 South 21st St., asphalt paving (assessment work), Alder, Warnock and 11th Sts. $9,241, Yocum St. $4,556, and asphalt repaving Market St. (track area) $54,772; from Barber Asphalt Co., 239 North 36th St., asphalt paving (assessment work) Mascher St. $20,565; from C. G. Centrone, Bailey Bldg., redressed granite block repaving Chancellor St. $6,474, Erie St. (track area) $4,285, Front St. $18,324, improving Ashwood and Redmond (country) Rds. $4,648, and 81st St. $6,991; from Acchine Constr. Co., 755 South Warnock St., redressed granite block repaving 3rd St. $28,576; from B. Foster Co., Inc., 20th and Venango Sts., improving Ashwood and 88th (country) Rds. $4,060. Noted Oct. 28.

Md., Baltimore — Bd. Awards, grading, curbing and sheet asphalt paving 9,740 sq.yd. streets listed in Contr. 375, from Baltimore Asphalt Block & Tile Co., 1320 North Monroe St., $32,633. Noted Oct. 28.

Florida—State Roads Dept., Tallahassee, Nov. 3, clearing, grubbing, grading, etc., 81,530 cu.yd. Project 691, Indian River Co., from Mason Payne Co., Inc., Macon, Ga., $86,490, 14,100 cu.yd. Project 53-C, Lake Co., from Tampa Sand & Shell Co., Harrison St., Tampa $102,806, 109,071 cu.yd Project 692, St. Lucie Co., from Boone & Wester, Palatka $118,627, and 110,661 cu.yd. Project 677-B, Levy Co., from Costal Constr. Co., St. Petersburg $146,625; rock base surfacing 111,024 sq.yd. Project 676-A, and 160,483 sq.yd. Project 676-B, both Levy Co., from Whitney Constr. Co., St. Augustine, $122,814 and $185,243 respectively; also overhead crossing Project 682, Citrus Co., from R. W. Curtis, Peoples Natl. Bank Bldg., Lynchburg, Va., $34,234.

O., Cincinnati—Comrs. Hamilton Co., Oct. 29, grading and tar bound macadam repaving 27,600 sq.yd. South Rd., from Craig & Jordan, Blanchester, $55,243. Engrs. est. $66,308. Noted Oct. 21.

O., Cleveland—City, Oct. 27, grading and paving with **(a)** brick **(b)** asphalt **(c)** concrete **(1)** 1.770 sq.yd. Parklawn Ave. **(2)** 5,700 sq.ft. Southview Ave., from Ridley Bros., The Arcade, **(a1)** $10,826 **(b1)** $9,152 **(c1)** $8,397; from Cleveland Trinidad Paving Co., The Arcade, **(a2)** $32,292 **(b2)** $26,364 **(c2)** $25,783. Noted Oct. 21.

Neb., Omaha—J. P. Hoctor, city clk., from C. Vacanti & Son, 602½ Pierce St., art stone paving, etc., 2,901 yd. Dist. 2680, 3045, 3021 and 3063, at $1.50 per yd., 502 yd. Dist. 2988 $1.52, and 297 yd. Dist. 3047 $1.54; from C. Noble & Co., 1455 South 12th St., 848 yd. Dist. 3089 $1.52; from J. Sherlock Constr. Co., 1805 Dodge St., asphalt paving, etc., 615 yd. Dist. 3091 at $3.18, also from J. Kerns Constr. Co., 1809 Dodge St., curbing and asphalt surfacing Dist. 3097 at $10 per yd.

Neb., Omaha—J. P. Hoctor, city clk., improving, Ida, Newport, Redlick, Vernon, Curtis, Nebraska, Kansas, Crown Point Aves., 34th, 35th, 38th and 39th Sts., etc., in Dist. 230, from J. W. Wachtler, 1805 Dodge St., at $0.18.

Tex., Brenham—Washington Co., rein.-con. paving 18.21 mi. Highway 38, Federal Aid Project 358, Unit 2, 18 ft., from Harrison Eng. & Constr. Corp., 506 Mutual Bldg., Kansas City, Mo., $431,109.

Tex., Brenham — Washington Co., Oct. 26, rein.-con. paving 191,327 sq.yd. Highway 36, Federal Aid Project 358, from Harrison Eng. & Constr. Co., 506 Mutual Bldg., Kansas City, Mo., $431,109. Engrs. est. $511,000. Noted Sept. 30.

Tex., Houston — Harris Co., bituminous on concrete paving Dunlavey St. from Bessonet to Richmond Aves., from Scott Shambaugh, 1401 Dowling St., $42,367. Engrs. est. $45,000.

Calif., Hawthorne — Grading, curbing, guttering and 1½ in. asphaltic concrete surfacing West New York Ave., 5th St., etc., from G. H. Oswald, 366 East 58th St., Los Angeles, approximately $65,000.

Contracts Awarded

Mass., Dorchester (Boston P. O.)—Dept. Pub. Wks., Boston, concrete paving Floyd St., etc., here, to C. Capone, 11 Hemlock St., Rosindale, $31,812. Noted Oct. 21.

New York — State Hy. Dept., Albany, **(e. e. means engineer's estimate)**, to Belmar Contg. Co., Inc., Proctor Bldg., Troy, constructing 3.43 mi. Grand Gorge-Breakabean Rd., Part 3, Highway 8270, Schoharie Co., $135,275 e. e. $151,160, 13.93 mi. High-

Streets and Roads (Continued)

way 8269, Star Lake-Cranberry Rd., St. Lawrence Co. $732,184 e. e. $844,838, and 4.46 mi. Highway 1728, Tilly Foster-Sears Corners Highway, Putnam Co. $192,977 e. e. $244,375, to J. H. Murray, Cutler Bldg., Rochester, 2.64 mi. Repair Contr. 1549, Highway 9020, Jericho Turnpike, Part 2 $249,809 e. e. $343,150, and 3.13 mi. Repair Contr. 1550, Highway 9020, Jericho Turnpike, Part 3, $254,778 e. e. $363,625, both Nassau Co.; to Lane Constr. Co., 39 Colony St., Meriden, Conn., 5.24 mi. Highway 1740, Sepronius-Homer, Part 1, Cayuga Co., $273,036 e. e. $326,692; to T. S. O'Brien, 13 Walter St., Albany, 0.68 mi. Repair Contr. 3158, Highway 343, Pawling-Patterson Rd., Dutchess Co., $41,958 e. e. $52,734; to Albany Bridge Co., 518 Bway., Albany, 0.08 mi. Highway 1725 (Bridge) Phelps-Newark Rd., Part 1, Ontario Co., $26,775 e. e. $31,531; to R. W. S. Corp., 185 New York Ave., Huntington, 3.48 mi. Repair Contr. 1548, Highway 9017, Massapequa-Glen Cove Rd., Nassau Co., $162,478 e. e. $210,693; to H. E. Bunce, Olean, 8.73 mi. Highway 8265, Canisteo-Whitesville Rd., Parts 6 and 7, Steuben and Allegany Counties, $294,068 e. e. $392,899; to Canty, O'Neil & Candel, Inc., 207 Woodward Ave., Buffalo, 5.24 mi. Highway 8264, Rock Glen-Silver Springs-Castile Rd., Parts 1 and 3, Wyoming Co., $223,673 e. e. $324,358; to F. J. Downing, 13½ Swan St., Buffalo, 2.75 mi. Highway 8267, Wyskoff-Cascade Rd., Part 3, Cayuga Co., $191,607 e. e. $224,335; to Bolton, Suits & Bolton, Watkins Glen, 1.24 mi. Repair Contr. 1547, Highway 5208, Horseheads-Montour Falls Rd., Schuyler Co., $66,115 e. e. $89,210; and to H. W. Patterson, Hornell, 9.53 mi. Highway 8268, Smithtown Branch-Coran Rd., Suffolk Co. $432,129 e. e. $586,177. Grand total $3,276,862. Noted Nov. 4.

N. Y., New York—Bd. Estimate & Apportionment, City Hall, improving streets in vicinity new court house excluding curbing and sidewalks, to J. Meehan & Son, Inc., 90 West St., $57,226. Noted Nov. 4.

N. Y., Syracuse—Grading, curbing and penetration asphalt on concrete paving 8,440 sq.yd. Scottholm Blvd., to Rago Bros., Inc., Union Bldg., $50,025.

N. J., Camden—Camden Co., repaving Kings Highway from Haddenfield to Mt. Ephraim, to Union Paving Co., 123 East 21st St., Phila., Pa., $106,526; and Sorrel Horse Rd. from Marlton Pike to Moorestown, to E. H. Ellis, 6017 Christan St., Phila., Pa., $87,810.

Pennsylvania—State Hy. Dept., Harrisburg, **(R. means Route and A. means Application)**, rein.-con. paving, etc., 14,790 sq. yd. R. 132, A. 4381, Delaware Co., to Bryant & Kohl, Inc., Wilkes-Barre $91,265, 8,654 sq.yd. R. 214, Clarion Co., to F. S. Wilson, Kittanning $90,981, 34,637 sq.yd. R. 516, Delaware and Montgomery Counties, to Comerford Constr. Co., 5th and Sansom Sts., Phila. $131,126, and 10,055 sq.yd. R. 222, Somerset Co., to Sky Constr. Co., Johnstown, $38,652; also waterbound macadam paving, etc., 19,300 sq.yd. R. 318, A. 4285, Potter Co., to D. L. Dennis, Galeton, $51,590. Grand total $403,614. Noted Oct. 7 and 28.

Pa., Pittsburgh—Dept. Pub. Wks., E. G. Lang, dir., grading, curbing and paving, etc. Mt. Washington Rd., to T. Cronin, South 18th and Fox Sts., $275,015; Farnsworth and Herax Way, to Minsinger Co., Horrace and 3rd Sts., $16,217 and $4,027 respectively; Flemmington and Morgan Sts., to M. O'Herron, South 1st and McKean Sts., $21,324 and $15,926 respectively; Francis St., to Booth & Flinn, Ltd., 1942 Forbes Ave., $17,503; and Seitz St., to C. Donatelli, 7515 Tioga St., $21,036. Grand total $371,058.

N. C., Beaufort—Comrs. Carteret Co., asphalt on concrete paving 16 mi. roads from Davis to Atlantic, to Simmons Constr. Corp., Brevard Pt., Charlotte. Noted Oct. 14.

Ala., Birmingham—City Comn., **(e. e. means engrs. est.)** concrete asphalt paving 5 blocks 17th St., 60 ft., to Dunn Constr. Co., Lincoln Life Bldg., $32,647 e. e. $33,000; 2 blocks Division Ave., 50 ft., to Independent Paving Co., Amer. Trust Bldg., $21,109 e. e. $22,000; 8 blocks 26th St., Ensley, Ave. C, 17th, 18th and 19th Sts., Ensley, 50 and 60 ft., to Morgan Hill Paving Co., Woodward Bldg., $41,078 e. e. $43,400; and 4 blocks 17th Pl., Boise and Cleburn Aves., 60 ft., to H. N. Bowdry, Alabama Power Co. Bldg., $19,433 e. e. $20,000. Grand total $113,667. Noted Sept. 30.

La., South Highlands (mail Shreveport) —Uvalde rock asphalt paving Delmar, Thornhill and Thora Sts., to Shreveport Paving Co., Shreveport, $37,013.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, grading, etc. 8.27 mi. Cookeville-Baxter Rd., State Aid Project 123-D, Putnam Co., to Boyd Williams Constr. Co., Murfreesboro, using corrugated metal pipe $43,275.

Tenn., Chattanooga—Hamilton Co., grading, etc. 1 mi. Signal Mountain Rd., to Harrison, Walters & Prater, White Pine, approximately $25,000. Noted Oct. 7.

O., Toledo — W. T. Jackson, dir. Pub. Serv., 4 in. vitr. brick repaving street car tracks 11,100 sq.yd. Cherry St., to Boyer & Rush, Toledo, $38,105.

Ind., Brownstown—Comrs. Jackson Co., paving Gustav Schluesemeier Rd., to Hancock & Kieffer, Brownstown, $31,448. Engrs. est. $35,891. Noted Oct. 21.

Ind., Hammond—Bd. Pub. Wks., paving Tapper Ave. from Carroll to Merrill Sts., to Pub. Constr. Co., Hammond, $24,481. Engrs. est. $27,000.

Ind., South Bend—Bd. Pub. Wks., sheet asphalt paving Angella Ave., to Williston Constr. Co., 105 Circle Ave., $21,642; and Catalpa Ave., to Rieth-Riley Constr. Co., 410 Dean St., $13,648.

Ind., Vincennes—City Council, paving Sycamore St. from 12th to 16th Sts., to Premier Constr. Co., Vincennes. Engrs. est. $29,000.

Mich., Detroit — To Detroit Asphalt Paving Co., 909 Transportation Bldg., 3½ in. national lake or oil sheet asphalt on 8 in. concrete paving Smart Ave. $20,131, Grayton Ave. $57,452, Cedar Grove Ave. $31,892, Harding Ave. $9,497, Fairview Ave. $9,633, Lemay Ave. $8,888, Lillibridge Ave. $8,872, Park Grove Ave. $12,187, Waltham Ave. $9,317, Marlborough Ave. $22,385, Buena Vista Ave. $3,473, McDougall Ave. $12,626, Berry Ave. $4,644, Burlingame Ave. $7,325, Blake Ave. $17,800, Bishop Ave. $24,954, Amaha Ave. $15,829, Dean Ave. $5,462 and Meadowbrook Ave. $6,209; to Dept. Pub. Wks., City Hall, Prairie Ave. $11,029; and to Cooke Asphalt Paving Co., 1260 Penobscot Bldg., St. Aubin Ave., $32,006. Grand total $331,611.

Mich., Detroit—Stone curbing, and 3½ in. sheet asphalt on 8 in. concrete paving 14 avenues, to Detroit Asphalt Paving Co., 909 Transportation Bldg., $357,395; Arcola, Kensington, Eureka, and Filer Aves., to M. R. Hanna Co., 2700 Six Mile Rd., $125,755; Allen Pl. and Monica Ave., to Cleveland Trinidad Paving Co., 402 Hammond Bldg., $19,123; and Keating Ave., to Cooke Asphalt Paving Co., 1260 Penobscot Bldg., $34,752. Grand total $537,025.

Ill., Chicago—Bd. Local Impvts., Room 207, City Hall, grading, curbing, guttering, and 8 in. concrete paving portions South Ada, South May, 83rd and 84th Sts., to Calumet Coal Co., 9022 Coml. Ave., South Hoyne Ave., West 67th and 68th Pls., to Smith & Brown Co., 111 West Washington St., North Nordica and Waveland Aves., Grace and Byron Sts., to J. A. Sackley Co., 4608 Belmont Ave., and West 78th St., to Central Paving Co.; grading, curbing, guttering and 6 and 8 in. concrete paving Myrtle and North Natchez Aves., to J. A. Ross & Co., 4561 Armitage St.; grading, curbing, guttering and 6 in. concrete and asphalt on 6 in. concrete paving Cambridge Ave. and Polk St., to Commonwealth Impvt. Co., 133 West Washington St.; grading, curbing, guttering and 10 in. concrete paving Carroll Ave., to Home Paving Co., 130 North Wells St.; grading, curbing, guttering and asphalt on 6 and 8 in. concrete paving Drexal Ave., East 77th and South State Sts., to Amer. Asphalt Paving Co., 133 West Washington St.; grading, curbing, guttering and 2 in. asphaltic concrete on 6 in. concrete paving Oxford Ave., to Contg. & Material Co., 42 East Pearson St.; grading, curbing, guttering and asphalt on 6 in. concrete paving West 100th and South Wood Sts., to Conway Paving Co., 844 Rush St.; grading, curbing, guttering and asphalt on 6 in. concrete paving North Mozart St., North Francisco and Rosemont Aves., to J. V. McCarthy Co., 77 West Washington St.; 6 ft. concrete sidewalks on 24 streets and avenues, to Simpson Constr. Co., 1113 South Hermitage St., on 18 streets and avenues, to Banner Constr. Co., on 11 streets and avenues, to G. Kehl Sons, 1225 Maplewood Ave., 1 street, to C. Schroeder, Jr., 4113 North Ashland Ave., on 1 avenue and 2 streets, to A. Bairstow, 4821 North Spalding Ave., on 2 streets and 3 avenues, to G. Thomas, on 1 street, to Standard Concrete Constr. Co., 1460 West Austin Ave., on 1 street, to M. Schuh, 4625 Dickens Ave., on 1 avenue and 2 streets, to Green-Mullenbruck Constr. Co., 105 West Monroe St., on 1 street and 1 avenue, to Siewert Callsen Co., 3865 Milwaukee Ave. Noted Oct. 14 and 21.

Ill., Galesburg—Bd. Local Impvts., grading, curbing, guttering and vertical fibre brick on 4 in. concrete paving 4,830 sq.yd. West 1st St., to Graham King Constr. Co., 550 South Cedar St., $19,911, engrs. est. $20,053; and 3,794 sq.yd. North Farnham St., to H. H. Günther, 600 East Main St., $15,102, engrs. est. $15,251. Noted Oct. 21.

Ia., Council Bluffs—To J. J. Wickham, 19 South Scott St., improving various streets, 6,075 sq.yd. concrete paving at $2.22 per sq.yd. 18,168 sq.yd. sheet asphalt paving and repaving $2.38, $1.52 and $1.48 per sq.yd.; to J. Langstrom, 715 Stutsman St., 8,026 ft. curb and gutter.

Ia., Des Moines — To O. P. Herrick, Observatory Bldg., improving Woodland Ave., 12,009 sq.yd. at $3.06 per sq.yd., and 495 ft. curbing at $0.60 per ft.; to Wright Constr. Co., 1325 West Main St., Kirkwood Dr., 2,665 sq.yd. concrete paving $2.39 and 1,000 cu.yd. grading $0.45. Noted Sept. 30.

Kan., Osborne—Osborne Co., gravel surfacing, culverts and bridges on Federal Aid Project 340-B and C to Hall-Hardman Constr. Co., Alton, Kan., $38,447. Noted Oct. 21.

South Dakota—State Hy. Dept., Pierre, **(F. A. P. means Federal Aid Project and S. P. means State Project)**, to P. S. Thompson & Son, Summit, grading 134,687 cu.yd. F. A. P. 208-B, Roberts Co. $41,186, to G. W. England & Son, Murdo, 22,364 cu.yd. S. P. 137, Lyman Co. $7,652, to Fuller & McCaffrey, Lemmon, 73,652 cu.yd. F. A. P. 217-A, Harding Co. $24,327, to England & England, Murdo, 11,770 cu.yd. S. P. 138, Potter Co. $8,263, to Tobin & Maloney, Madison, 100,874 cu.yd. F. A. P. 180-E, Corson Co. $35,674, 94,274 cu.yd. F. A. P. 183-C, Spink and Beadle Counties $23,642, also graveling 11,696 cu.yd. F. A. P. 132, $8,267, and 13,070 cu.yd. F. A. P. 171-E, $11,754, both in McPherson Co., to W. R. Larson, 519 Security Natl. Bank Bldg., Sioux Falls, 17,985 cu.yd. F. A. P. 188-B, $11,676, 26,763 cu.yd. F. A. P. 178-B and 200-A, $17,140, both Hutchinson Co., 13,235 cu.yd. F. A. P. 171-D, $15,851, and 15,072 cu.yd. F. A. P. 171-B, $19,511, both Brown

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BRIDGE—MASSACHUSETTS

Bids were opened by Metropolitan Dist. Comn., 1 Ashburton Pl., Boston, Sept. 30, for highway and railroad bridge known as Cottage Farm Bridge, over Charles River, at Essex and Brookline Sts., Boston and Cambridge, from (A) T. Stuart & Son Co., 222 Pearl St., Newton; (B) Coleman Bros., Inc., 245 State St., Boston; (C) Aberthaw Co., 80 Federal St., Boston; (D) V. J. Grande, 22 Hull St., Boston; (D) H. P. Converse Co., 161 Devonshire St., Boston. The unit bids are as follows:

	A	B	C	D	E
Removal of old bridge and operating temporary draw (lump sum)	$17,000 00	$25,000 00	$17,750 00	$30,000 00	$51,370 00
15,000 cu.yd. excavation or dredging	60	2 00	1 25	1 50	825
10,000 cu.yd. filling material	50	1 00	1 50	1 00	1 65
6,000 lin.ft. 12x12 in. concrete piles	2 50	2 50	2 65	4 50	2 34
2,100 lin.ft. 15x15 in. concrete piles	2 50	2 50	4 00	6 65	3 12
67,000 lin.ft. wood piles	75	90	76	80	1 09
55,000 ft. B.M. lumber left on place	150 00	200 00	325 00	300 00	222 00
2 cofferdams	40,000 00	25,000 00	24,500 00	29,000 00	55,735 00
Stone masonry (lump sum)	215,000 00	250,000 00	320,000 00	280,000 00	360,958 00
7,300 cu.yd. 1:3:6 concrete masonry	15 00	15 00	11 90	15 00	9 13
8,700 cu.yd. 1:2:4 reinforced concrete masonry	24 00	23 00	22 50	30 00	25 50
3,020 cu.yd. 1:2:4 concrete masonry placed under water	15 00	13 00	12 85	16 01	8 25
2 reinforced concrete arches (lump sum)	30,000 00	25,000 00	30,000 00	25,000 00	29,083 00
1 superstructure of railroad bridge over river	170,000 00	175,000 00	177,700 00	170,000 00	206,715 00
1 superstructure of bridge over roadway Boston side (lump sum)	30,000 00	30,000 00	25,000 00	40,000 00	29,667 00
1 superstructure of highway bridge (lump sum)	90,000 00	85,000 00	85,600 00	92,000 00	81,773 00
Extended totals	$1,118 350	$1,145,410	$1,183,322	$1,282,385	$1,348,240

Streets and Roads (Continued)

Co., 16,623 cu.yd. F. A. P. 171-C, Marshall Co. $11,292, and 17,192 cu.yd. F. A. P. 170-C, Lake Co. $9,931, to Van & Van, Hull, Ia., 15,572 cu.yd. F. A. P. 191-A, Day Co. $13,211, to W. E. Bartholow, Spencer, 15,510 cu.yd. S. P. 141, Miner Co. $12,191, and to R. L. Wiley, Summit, 20,368 cu.yd. S. P. 38 and 11, Pennington Co. $24,920; to Noonan-Hyde Co., Watertown, constructing 90 ft. pony truss bridge on F. A. P. 183-C, Spink and Beadle Counties $9,616, to Jahnig & Davis, Britton, 34 ft. concrete viaduct on F. A. P. 208-B, Roberts Co. $2,048, and to Northwestern Eng. Co., Kadoka, 68 ft. concrete viaduct, on F. A. P. 217-A, Hardin Co. $8,093, also concrete culvert on S. P. 93, Dewey and Corson Counties $8,281. Grand total $348,485. Noted Oct. 14.

Mo., Joplin—Warrenite bitulithic paving 18,300 sq.yd. Main St., to Granite Bituminous Paving Co., Ry. Exch. Bldg., St. Louis, $52,293; concrete paving, etc. 2,520 sq.yd. Jackson addition, to Independent Constr. Co., Pittsburg, Kan., at $1.79 per sq.yd. 1,075 sq.yd. Islington Pl., and macadam paving, etc. 6 blocks Pearl Ave., to H. Kost, 2002 Jackson Ave. at $1.84 per sq.yd. and $8,104 respectively.

Mo., Kansas City — Bitulithic paving various streets, to W. Broderick Constr. Co., 30th and Bueline Sts., $58,763.

Ark., Hot Springs — Grading, curbing, guttering and 6 in. concrete paving 19,916 sq.yd. in Street Impvt. Dist. 89, to G. Nichols, Hot Springs, $53,651. Noted Oct. 7.

Tex., Amarillo—Curbing and 2 course penetration topping 50,000 yd. various streets, to Amarillo Constr. Co., Amarillo, $103,460.

Tex., Angleton — Brazoria Co., grading, concrete paving, etc., 8.765 mi. Highway 58, Federal Aid Project 442-A, to A. Smith, Bryan, $295,755.

Tex., Barstow—Ward Co., improving 4½ mi. highway and constructing larger bridges on Highway 1, to Sullivan & Davis, Granger, $72,927.

Tex., Brownsville—Cameron Co., grading, etc., 30 mi. various roads through rural districts, to W. W. Vann, Mercedes, approximately $100,000.

Tex., Jacksboro — Jack Co., asphaltic macadam on sledged stone paving 12.803 mi. Highway 25, State Aid Project 568, Unit 2, to Cocke & Turner Marshall, $132,509. Noted Sept. 2.

Tex., San Marcos—H. Moseley, chn. State Hy. Comn., Austin, will pave with bituminous on gravel 18 mi. Highway 2, Federal Aid Project 8, here. Hays Co. $50,000. Work will be done by own forces. Former bids rejected. Address Engineer Hays Co. Noted Oct. 7.

Tex., Sherman—Rein.-con. paving 107,000 yd. various streets, to W. M. Jagoe Constr. Co., Denton, approximately $180,000. Noted Sept. 23.

Oklahoma—State Hy. Dept., Oklahoma City, concrete slab surfacing 57,757 sq.yd. Enid Rd., Federal Aid Project 180-A, Garfield Co., incl. 83.17 tons reinforcing, 640 ft. guard rail, etc., to Hyde Constr. Co., Amer. Bank Bldg., Enid, $137,707, engrs. est. $145,000; and 62,785 sq.yd. Perry Rd., Federal Aid Project 139—I, Noble Co., incl. 90.89 tons reinforcing, 3,260 ft. guard rail, etc., to Maxwell & Meade, Nebraska Bldg., Tulsa, $128,838, engrs. est. $137,500. Noted Nov. 4.

Okla., Hollis—Grading and concrete paving 30,000 sq.yd. Eula, Main, 2nd and Lamar Sts., to E. W. Baker & Co., 404 Medical Arts Bldg., Oklahoma City, $89,117. Engrs. est. $91,400. Noted Sept. 23.

Okla., Shidler—Grading and concrete paving 6,995 sq.yd. South Cosden Ave., to Standard Paving Co., 1742 East 6th St., Tulsa, $34,691. Engrs. est. $35,000. Noted Oct. 21.

Okla., Stillwater—Grading, curbing and concrete paving 7,760 sq.yd. Central and College Sts., to T. Gudgel, Stillwater, $24,203. Engrs. est. $26,000.

Oregon — State Hy. Comn., Salem, improving 4.8 mi. Deer Creek-Hayes Hill Sect. Redwood Highway, Josephine Co., to Shell & Rhodes, Oakland, $46,857; 9.1 mi. Blodgett Dewitt Summitt and North Sect. Market Rd., Benton Co., to J. C. Compton, McMinnville, $29,200; 15.7 mi. Rock Creek-Lostine Sect. La Grande Wallowa Lake Highway, Wallowa Co., to J. McAllister, 1017 North Washington St., Spokane, Wash., $66,635; 11 mi. Arlington-Shutler Sect. John Day Highway, Gilliam Co., to Triangle Constr. Co., 1220 West Ide Ave., Spokane, Wash., $30,190; 18 mi. Jones Hill Vinson Sect. Oregon-Washington Highway, Morrow and Umatilla Counties, to A. L. Smith, 529 East Ermina Ave., Spokane, Wash., $68,257. Grand total $241,139.

California—See "Bridges."

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Calif., Beverly Hills—Improving Brighton Way between Roxbury and Crescent Sts., etc., to Los Angeles Paving Co., 3200 East Vernon Ave., Los Angeles, $62,773. Noted Nov. 4.

Calif., Beverly Hills—City Trustees, improving San Vicente Blvd., Power and Gale Drs., etc., to Curtis Co., 2440 East 26th St., Los Angeles, $69,515. Noted Nov. 4.

Calif., Los Angeles — Supervs. Los Angeles Co., concrete paving 553,120 sq.ft. Beverly Blvd., Co. Impvt. 487, to Griffith Co., Railway Bldg., $186,075; also surfacing Hazard St., Co. Impvt. 602, to J. and P. Cristich, Douglas Bldg., $31,047. Noted Oct. 14.

Calif., Redwood City—Grading, concrete paving, etc., Phelps St., to Hanrahan Co., Standard Oil Bldg., San Francisco, $38,825. Noted Oct. 28.

Calif., Richmond—Grading, 3 in. broken rock on 4 in. asphaltic concrete paving, etc. Ventura, Humboldt Sts., etc., to J. V. Galbraith, Fulton, $64,832. Noted Oct. 28.

Calif., San Diego — Common Council improving Euclid Ave., to G. R. Daley, 4430 Boundary St., $28,039. Noted Oct. 28.

Calif., Upland—Oil and rock paving, etc. 130,000 sq.ft. 4th Ave., etc. to G. L. Mahaney, 409 North Kilkea Dr., Los Angeles, at $0.043 per sq.ft. Noted Oct. 28.

Calif., Ventura—Ventura Co., 5 in. concrete paving portion Grimes Canyon Rd., to W. V. Cornett, 1718½ Garfield Pl., Los Angeles, $56,698. Noted Nov. 4.

Calif., Woodland—Yolo Co., constructing 2.18 mi. gravel shoulders on Prefix 5, Sect. C., County Highway System, to W. McDermott, Knights Landing, at $1.98 per cu.yd.

Ont., Hamilton—Will repave with concrete Barton St., by day labor, under supervision of W. McFaul, engr., City Hall. $50,000.

Buildings—Commercial

Proposed Work

Mass., Boston—APARTMENT HOTEL—Metropolitan Realty Co., c/o Desmond & Lord, archts., 1 Beacon St., having preliminary plans prepared 15 story and basement, brick, limestone and steel, Commonwealth Ave. and Bay State Rd. near Cottage Farm Bridge. $6,500,00. Engineer not selected. Noted July 1.

Mass., Boston — STORE and APARTMENT—H. O. Apthorp, 60 State St., having plans prepared by J. R. Ward, 9 Cornhill, 5 story and basement, brick and stone, plain foundation, 477 Commonwealth Ave. $200,000.

Mass., Boston—STORE and OFFICE—City Central Corp., 30 Federal St., having plans prepared 3 story and basement, brick and stone, plain foundation, Dock Sq. $150,000. Private plans.

Mass., Boston — THEATRE — Pope Co., Inc., 6 Staniford St., plans theatre. $150,000 or more. Engineer and architect not selected.

Mass., Dorchester (Boston P. O.) — APARTMENT — S. B. Zelterman, 105 Floyd St., having plans prepared by S. S. Levy, 35 Court St., Boston, 3 story and basement, brick and stone, plain foundation, 22-24 Deckard St. $150,000.

Mass., Lynn—BUSINESS—H. Goodman, 56 Central Ave., plans 4 story, brick and steel, Market St. $150,000. Engineer and architect not selected.

Mass., Malden (br. Boston)—STORE and OFFICE—E. B. Stratton, 25 Arch St., Boston, having plans prepared by C. H. Tenney, 200 Devonshire St., Boston, altering and constructing 5 story and basement, brick addition, 161 Pleasant St., here. $150,000.

Mass., Salem—WAREHOUSE and LABORATORY—L. Pedrick, 9 Ocean Ave., having plans prepared by W. Chapman, 15 Ashburton Pl., Boston, 3 story, rein.-con. and brick, near Washington St., $150,000.

Mass., Southampton—HOME—Plymouth Co. Hospital, c/o J. W. Beal Sons Co., archts., 185 Devonshire St., Boston, had plans prepared 3 story and basement, brick and stone nurses' home, plain foundation, here. $150,000.

Miss., Vicksburg — HOSPITAL, CONVENT, etc.—Sisters of Mercy of St. Francis Xavier Academy, having preliminary plans prepared by Andry & Feitel, Carondelet Bldg., New Orleans, La., 3 story, rein.-con., brick and stone, incl. electric passenger elevators, etc., Clay St. $250,000.

R. I., Providence—BUSINESS—City Hall Hardware Co., 150 Washington St., having new plans prepared by W. H. Walker & Son, 49 Weybosset St., 4 story, brick and steel, Snow and Washington Sts. $200,000.

Conn., New Britain—THEATRE—Loew's Inc., 1540 Bway., New York City, purchased site and plans new theatre, 2,500 seating capacity, 382 Main St., $700,000.

N. Y., Brooklyn — APARTMENT — H. Friefeld, c/o Shampan & Shampan, archts., 188 Montague St., having plans prepared brick, steel and stone, plain foundation, incl. 2 electric elevators, Flatbush Ave. and Midwood St. $400,000.

N. Y., New York—APARTMENT—Nine Hundred West End Avenue Corp., c/o J. M. Felson, archt., 250 West 57th St., soon takes bids 16 story, brick, steel and stone, plain foundation, West End Ave. $1,500,000.

N. Y., New York—APARTMENT—Mardel Realty Corp., c/o I. L. Cransman, archt., 370 East 149th St., having plans prepared 6 story, 90 x 135 ft., brick, steel and stone, plain foundation, Prospect Ave. $200,000.

N. Y., New York—APARTMENT—Westville Realty Corp., c/o Gronenberg & Leuchtag, archts., 1385 Bway., having plans prepared 5 story, 85 x 85 ft., brick, steel and stone, plain foundation, Wheeler Ave., $165,000.

N. Y., New York—GIRLS' HOME—Hannah Lavanburg Home for Girls, 319 East 17th St., having sketches made by Sommerfeld & Sass, 31 Union Sq., 7 story, 85 x 100 ft., brick, steel and stone, plain foundation, 331-337 East 12th St. $500,000.

N. Y., New York—HOTEL—M. Ginsberg, c/o E. Roth, archt., 119 West 40th St., having plans prepared 25 story, 71 x 100 ft., brick, steel and stone, plain foundation, 50th St. and Lexington Ave. $2,500,000.

N. Y., New York—LOFT and STORE—Bruck Weiss Millinery, Inc., 6 West 57th St., soon takes bids 7 story, 60 x 100 ft., brick, steel and stone, plain foundation, 20 West 57th St. $200,000. V. F. Pruist, 342 Madison Ave., archt.

N. Y., New York — SETTLEMENT HOUSE — Lenox Hill Settlement House, 511 East 69th St., T. McLean, pres., having plans prepared by F. P. Kelley, 244 Madison Ave., 6 story, 100 x 125 ft., brick, steel and stone, plain foundation, 323 East 70th St. $300,000.

N. J., Jersey City — HOSPITAL — Bd. Freeholders Hudson Co., W. O'Mara Clk., Court House, having plans prepared by C. H. Ziegler, 75 Montgomery St., 7 story, 100 x 200 ft., brick, steel and stone, plain foundation, Clifton Pl. $1,000,000.

N. J., Newark — AUDITORIUM and OFFICE — Arena & Amusement Co., Inc., 671 Broad St., New York City, takes bids about Nov. 25, auditorium and office, Broad St., here. $4,500,000. N. Harris, Chamber of Commerce Bldg., archt.

N. J., Newark—HOSPITAL—St. Barnabas Hospital, 685 High St., C. Ill., dir., plans hospital addition, High St. $750,000. Engineer and architect not selected.

N. J., Newark — THEATRE — William Fox, 850 10th Ave., New York City, having plans prepared by T. W. Lamb, 644 8th Ave., New York City, and W. E. Lehman, associated archt., 972 Broad St., Newark, brick, steel and stone, plain foundation, Broad and Rector Sts., here. $200,000. Noted Sept. 16.

Pa., Altoona — HOTEL — William Penn Hotel Co., H. L. Wilson, pres., 1025 Chestnut St., having plans prepared by Magaziner, Eberhard & Harris, 603 Chestnut St., Phila., 6 story, 100 room hotel. Noted Aug. 19.

Va., Richmond — HOSPITAL — Crippled Childrens Hospital, 2924 Brook Rd., soon lets contract stucco and terra cotta hospital, 400 ft. long. $250,000. Bakerville & Lambert, Travelers Bldg., archts.

N. C., Charlotte—HOTEL—W. S. Pharr & associates, Providence Rd., plan tourist hotel, on Brier Creek, near here. $1,000,000.

N. C., Hendersonville—CHAMBER of COMMERCE—Chamber of Commerce plans 10 story office building, Church St. and 5th Ave. $175,000. E. G. Stillwell, Hendersonville, archt.

Fla., DeLand — COURTHOUSE — W. D. Harper & Co., archts., Daytona Beach, preparing plans fireproof courthouse, here, for City. $350,000.

Fla., Jacksonville — HOSPITAL — St. Vincents Hospital, West 5th St., having plans prepared by G. A. Barry, Dyal Upchurch Bldg., hospital. $500,000.

Fla., St. Petersburg—BANK and OFFICE—Florida Mutual Building, Inc., Power and Light Bldg., had plans prepared by W. N. Smith, 101 Park Ave., New York City, and soon takes bids 20 story and mezzanine, 100 x 200 ft., brick, steel and stone, plain foundation, near 1st Ave. N. $1,800,000.

Miss., Jackson—HOSPITAL—Mississippi Building Comn., R. L. Brown, secy., soon takes bids hospital group, incl. administration, reception, hospital and industrial buildings, State Prison Farm, here. $2,500,000. N. W. Overstreet, Midway Bldg., archt.

DAM—MONTANA

Bids were opened by Department of Interior, Bureau of Reclamation, Fairfield, Aug. 31, for Gibson Dam, Sun River Project, from (A) Utah Construction Co., Ogden, Utah (awarded contract); (B) Strange & Maguire, Salt Lake City, Utah; (C) Atkinson, Clough & Sons Co., Portland, Ore.; (D) A. Guthrie & Co., Inc., Portland, Ore.; (E) W. E. Callahan Construction Co., St. Louis, Mo.; Winston Bros. Co. and D. B. Fegles, Minneapolis, Minn., $1,848,174; Boomer, McGuire & Blakeslee, Great Falls, $1,855,570. The unit bids of the lowest four and highest bidder are as follows:

	A	B	C	D	E
Diversion and care of river, unwatering of foundations, etc. (lump sum)	$20,000.00	$35,000.00	$30,000.00	$50,000.00	$126,000.000
7,000 cu.yd. excavation: Earth and loose rock-base of dam and outlet works	1.25	2.85	4.00	3.75	3.40
53,000 cu.yd. excavation: Solid rock-base of dam and outlet works	3.50	3.50	5.00	3.75	3.40
800 cu.yd. excavation: Solid rock-cutoff for dam	10.00	4.50	6.00	6.50	4.50
1,000 cu.yd. excavation: Earth and loose rock-spillway inlet above 4,700	1.00	1.22	2.50	1.50	2.00
28,000 cu.yd. excavation: Solid rock-spillway inlet above 4,700	2.00	1.80	2.50	1.50	2.00
1,000 cu.yd. excavation: Earth and loose rock-spillway outlet	1.00	1.22	3.50	1.50	2.25
20,000 cu.yd. excavating: Solid rock-spillway outlet	2.50	1.95	3.50	1.50	2.25
19,000 cu.yd. excavation: All classes in tunnel and shaft below 4,700	7.50	4.36	9.00	7.25	4.50
4,500 lin.ft. drilling grout holes (not over 25 ft. deep)	1.25	2.00	2.00	1.50	1.50
1,000 lin.ft. drilling grout holes (25 to 40 ft. deep)	2.00	2.50	3.00	2.50	2.25
4,500 lin.ft. drilling drain holes (not over 25 ft. deep)	1.75	2.00	2.00	1.50	1.50
500 lin.ft. drilling drain holes (25 to 40 ft. deep)	2.50	3.00	3.00	4.00	2.25
300 cutting, threading, etc. connection pipes in grout holes	2.00	2.50	3.00	3.00	4.50
128,000 lb. placing metal drain pipes and fittings	.04	.04	.03	.03	.075
300 cu.yd. pressure grouting	30.00	45.00	40.00	35.00	52.00
3,000 lin.ft. drilling holes for anchor bars and grouting bars in place	1.00	.75	1.00	1.50	1.50
24,000 lin.ft. placing tile drains	.25	.15	.15	.15	.45
160,000 cu.yd. concrete: Dam	5.70	5.96	4.85	6.90	8.10
4,900 cu.yd. concrete: Tunnel and shaft lining below El. 4704.2	15.00	17.30	15.00	21.00	22.50
480 cu.yd. concrete: Spillway inlet above El. 4704.2	12.00	13.02	12.00	20.00	12.00
800 cu.yd. concrete: Tunnel portal spillway outlet (excl. of cutoff)	12.00	11.03	12.00	16.00	22.50
300 cu.yd. concrete: Spillway outlet cutoff	9.00	12.68	15.00	12.00	12.75
110 cu.yd. concrete: Trash rack floor and cutoff	7.00	10.00	7.00	12.00	12.00
300 cu.yd. concrete: Trash rack above floor	20.00	25.00	10.00	23.00	27.00
200 cu.yd. concrete: Valve house below El. 4582	18.00	22.50	15.00	26.00	22.50
25 cu.yd. concrete: Valve house above El. 4582	24.00	22.50	25.00	40.00	30.00
60 cu.yd. concrete: Foot walk	30.00	35.00	20.00	19.00	33.00
420 concrete: Parapets including pilasters and curbs	20.00	20.00	25.00	24.00	30.00
350,000 lb. bending and placing reinforcing steel (except rail reinforcement)	.025	.027	.02	.03	.045
50,000 lb. placing old rail reinforcement about outlet conduits	.02	.02	.015	.02	.045
2,700 lin.ft. placing copper seals and forming 6 in. vertical drains	.50	.50	.80	.50	2.25
58,000 lb. placing and painting structural steel in trashrack	.025	.025	.025	.05	.06
76,500 lb. placing semi-steel or cast iron outlet conduits	.02	.025	.025	.06	.08
160,000 lb. installing and painting 5x5 ft. hydraulic operating slide gates	.02	.025	.03	.05	.12
160,000 lb. installing and painting 60 in. balanced needle valves	.025	.03	.03	.08	.12
6,000 lb. installing and painting valve crane and hoist	.04	.05	.03	.08	.12
Construction of valve house exclusive of concrete (lump sum)	500.00	1,000.00	500.00	500.00	4,500.00
500 lin.ft. placing and painting pipe hand rail	1.00	.25	.60	1.50	.75
2,000 lb. placing and painting metal stairway and other metal in valve house	.05	.05	.10	.05	.15
180 sealing drain holes	1.00	2.50	3.00	2.00	3.00
180 placing drain covers	.50	2.50	3.00	2.00	1.50
3,000 cu.yd. selected backfill	1.00	2.00	1.00	1.25	3.00
1,600 cu.yd. other backfill	.75	1.50	1.25	1.00	3.00
Extended totals	$1,566,240	$1,583,548	$1,610,028	$1,842,630	$2,140,060

Buildings—Commercial (Continued)

Ky., Glasgow—HOSPITAL—Citizens of Glasgow and adjacent communities plan new hospital. $200,000. Funds to be raised by public and private subscription.

O., Cleveland Heights (Warrensville P. O.)—STORAGE WAREHOUSE — Neal Fireproof Storage Co., c/o C. J. Neal, 7208 Euclid Ave., Cleveland, having plans prepared by Christian, Schwarzenberg & Gaeda, 1900 Euclid Bldg., Cleveland, brick and rein.-con., here. $200,000.

O., Columbus—HOSPITAL and COURT HOUSE — Franklin Co. voted $234,000 bonds, hospital at County Home, southeast of here; and $200,000 bonds, remodeling and additions to court house, South High St. W. H. Tramaine, Chamber of Commerce Bldg., archt.

O., Columbus—PRISON and COURT—Voted $650,000 bonds, prison and court building.

O., Massillon—SALES and SERVICE—Wagner Auto Garage Co., C. W. Wagner, mgr., having plans prepared by Albrecht & Wilhelm, 1836 Euclid Ave., 1 story, 124 x 220 ft., brick, steel and concrete auto sales and service building. $150,000. Noted Oct. 21.

O., Shaker Heights (Cleveland P. O.)—TOWN HALL—Village, W. J. Van Aken, mayor, 2785 Lee Rd., plans 2 story, brick, Lee Rd. $150,000. Engineer and architect not selected.

O., Toledo—POLICE DEPT. BUILDING—Voted $300,000 bonds, building to house police and fire alarm telegraph apparatus.

Ind., Crawfordsville — HOME — Tribe of Ben Hur, T. C. Snyder, ch., having preliminary plans prepared by Boswell & Beeson, Ben Hur Bldg., 2 story and basement, rein.-con., brick and steel home for aged, near here. $500,000.

Ind., Ft. Wayne — HOSPITAL and NURSES HOME — Lutheran Hospital Assn. having preliminary plans prepared by J. M. E. Reidel, 305 Noll Bldg., 4 story and basement, rein.-con., brick and steel, Fairfield Ave. $300,000.

Ind., Gary—APARTMENT—R. C. Cenek, 739 Bway., having plans prepared 30 apartments, brick, steel and terra cotta. $150,000. Private plans.

Ind., Gary — FURNITURE STORE — Radigan Bros., 24 East 6th St., having plans prepared by H. Warriner, 673 Bway., 3 story and basement, rein.-con., brick and steel store. $160,000.

Ind., Gary — STORE — Goodman Dept. Store having plans prepared by H. Warriner, 673 Bway., 3 story and basement, rein.-con., brick and steel, 653 Bway. $200,000.

Ind., Indianapolis — APARTMENT — H. Fritton having plans prepared by Mothershead & Fritton, 542 North Meridian St., 7 story and basement, brick and steel, 3231 North Meridian St. $200,000.

Ind., Indianapolis — APARTMENT — Moynaham Constr. Co., Chamber of Commerce Bldg., having plans prepared by Daggett & Hibben, Continental Bank Bldg., rein.-con., brick, and steel, 3033-37 North Meridian St. $1,000,000. Noted Sept. 23.

Ind., Richmond — HOTEL — Westcott Hotel, A. G. Disher, mgr., having plans prepared by J. W. Mueller, Palladium Bldg., 50 room brick and steel addition, 10th and Main Sts. $160,000.

Ind., Indianapolis — INSTITUTION — Indiana Insane Hospital, West Washington St., M. A. Bahr, supt., having preliminary plans prepared rein.-con., brick and steel infirmary for men. $206,000. Engineer and architect not selected.

Mich., Ann Arbor—HOTEL—Industrial Bankers Corp., Industrial Bank, Detroit, plans 9 story and basement, 132 x 154 ft., rein.-con., brick and steel, plain foundation, East Huron St. $1,000,000. Engineer and architect not selected.

Ill., Champaign—Y. M. C. A., c/o Secretary, having preliminary plans prepared by Childs & Smith, 720 North Michigan Ave., Chicago, 3 story and basement, rein.-con., brick and stone building. $150,000.

Ill., Chicago — APARTMENT — S. Cole, 307 North Michigan Ave., having preliminary sketches made by B. L. Steif & Co., 307 North Michigan Ave., 16 story and basement, 87 x 100 ft., rein.-con. and brick, North State and Elm Sts. $2,000,000.

Ill., Chicago—APARTMENT—S. and H. Lanski, 77 West Washington St., having plans prepared by B. L. Steif & Co., 307 North Michigan Ave., 3 story and basement, 125 x 193 ft., brick and terra cotta, Milwaukee and Spalding Aves. $350,000.

Ill., Chicago—APARTMENT and STORE—I. J. Berkson, et al., 7 South Dearborn St., having plans prepared by Dubin & Eisenberg 14 West Washington St., 12 story and basement, 75 x 110 ft., brick and stone, Bryn Mawr and Winthrop Aves. $800,000.

Ill., Chicago—APARTMENT—Syndicate, c/o A. Kruggel & Co., 4857 Bway., having plans prepared by R. F. France & Co., 155 North Clark St., 12 or 15 story, 100 x 166 ft., Wellington Ave. near Sheridan Rd. $1,500,000.

Ill., Chicago — BANK, STORE and APARTMENT — Oldefest & Williams, archts., 605 North Michigan Ave., prepared plans and soon takes bids (by invitation only), 2 story and basement, 100 x 125 ft., brick and terra cotta, Devon and Claremont Sts., for Northtown State Bank, c/o architects. Noted Oct. 21.

Ill., Chicago—BANK and OFFICE—K. M. Vitzhum & Co., archts., 307 North Michigan Ave., soon takes bids 7 story and basement, 116 x 125 ft., rein.-con. and brick, Kimball and Lawrence Aves., for Hill State Bank, 3324 Lawrence Ave. $500,000. Noted Aug. 26.

Ill., Chicago—STORE and OFFICE—M. Riback & M. W. Fried, 237 South Market St., having sketches made by Loebl & Schlossman, 612 North Michigan Ave., 12 story and basement, 50 x 180 ft., rein.-con., brick and terra cotta, 318 West Adams St. $650,000.

Ill., Chicago—THEATRE, etc.—H. L. and L. Englestein, et al, 6005 South Halsted St., having plans prepared by A. L. Levy & W. J. Klein, 111 West Washington St., 3 story, 300 x 500 ft., brick and terra cotta, incl. ball and billiard rooms, etc. $3,000,000.

Wis., Dodgeville — HOSPITAL—Dodgeville General Hospital, W. W. Woerpel, chn., having plans prepared by H. T. Dysland, Beaver Bldg., Madison, 2 story and basement, 70 x 100 ft., brick, rein.-con. and steel, plain foundation.

Wis., Fort Atkinson—CITY HALL and COMMUNITY—City, c/o E. Hedberg, clk., voted $160,000 bonds, 3 story and basement, brick and concrete, plain foundation, here. Engineer and architect not selected. Noted Oct. 7.

Wis., Kenosha—HOTEL—Dayton Hotel Co., E. Dayton, secy., Main St., plans 8 story, rein.-con., brick and steel addition, plain foundation. $200,000. Engineer and architect not selected.

Wis., Kenosha—STORE and RECREATION—Ansorge & Chambers, 2 North Main St., having preliminary plans prepared by Armstrong & White, Pub. Serv. Bldg., 2 story and basement, brick and concrete, plain foundation, Main St. $300,000.

Wis., Kenosha—THEATRE, HOTEL and STORE—E. and F. Dayton, c/o Dayton Hotel, having plans prepared by W. R. Whitney, c/o R. Levine & Co., Otis Bldg., Chicago, Ill., 5 story and basement, 125 x 125 ft., brick, concrete and terra cotta, Elizabeth and Grover Sts. $425,000.

Wis., Manitowoc—BANK and OFFICE—Manitowoc Savings Bank, South 8th and

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Buildings-Commercial—(Continued)

Jay Sts., having plans prepared by W. J. Raeuber, 927 South 8th St., 4 story and basement, 52 x 94 ft., rein.-con., brick, tile and stone, concrete foundation. $150,000.

Wis., Milwaukee—APARTMENT HOTEL—A. J. Straus, 230 Grand Ave., having plans prepared by M. Tullgren & Sons, 9 Waverly Pl., 5 story and basement, 100 x 200 ft., brick and steel, plain foundation, incl. 2 electric elevators, Grand Ave. and 35th St. $500,000.

Wis., Milwaukee — BANK — Southern State Bank, c/o L. Fons, 531 Mitchell St., brick, 2 story and basement, 60 x 120 ft., brick and stone, plain foundation, 8th Ave. $150,000. Engineer and architect not selected.

Wis., Milwaukee—THEATRE and BUSINESS — Badger Building Serv., 445 Milwaukee St., having plans prepared by Peacock & Frank, 445 Milwaukee St., 1 and 2 story and basement, 100 x 133 ft., brick, concrete, steel and terra cotta, plain foundation. $300,000.

Wis., Monroe — THEATRE and BUSINESS — Fischer Paramount Theatres, 36 South State St., Chicago, Ill., having plans prepared by Wolff & Ramsthal, 453 Mitchell St., Milwaukee, 1 and 2 story and basement, 100 x 137 ft., brick, tile and concrete, plain foundation, here. $150,000.

Ia., Des Moines — TEMPLE — Labor Temple Assn., F. Triggs, chn., postponed indefinitely construction 3 and 4 story and basement, 50 x 190 ft., rein.-con., brick and stone, 10th and Woodland Sts. Tinsley & McBroom, 601 Hubbell Bldg., archts. Noted Feb. 4.

Minn., Duluth—PUBLIC BUILDINGS, etc.—Voted $500,000 bonds, public buildings and park improvements.

Kan., Pittsburg — MAUSOLEUM — Mt. Olive Cemetery Assn. having plans prepared by C. A. Smith, 800 Finance Bldg., Kansas City, Mo., and takes bids in December or January, rein.-con., marble and tile mausoleum. $1,000,000.

Neb., Fremont — HOSPITAL — Missouri Synod Lutheran Church, 428 East 3rd St., W. Brueggeman, pastor, plans 3 story hospital. $150,000. Engineer and architect not selected.

Ark., Eldorado — AUDITORIUM and CITY HALL — Election Nov. 17, $150,000 bonds, rein.-con., brick and stone auditorium and city hall. B. F. Miles, city clk.

Ark., Texarkana — CITY HALL — Plans election $255,000 bonds, 3 story, rein.-con., brick and stone, 1,200 seating capacity East 3rd and Walnut Sts. Witt, Seibert & Halsey, 807 Texarkana Natl. Bank Bldg., archts. Noted July 2.

Mo., Joplin—HOTEL—Valfer Realty Co., 4th and Joplin Sts., making preliminary plans 4 story and basement, 110 x 133 ft., brick, concrete and hollow tile, A and Main Sts. $150,000.

Mo., Kansas City — APARTMENT HOTEL—W. Jewell, 622 Chambers Bldg., having plans prepared by P. T. Drotts, 423 Reliance Bldg., 5 story and basement, rein.-con. and brick apartment hotel. $300,000.

Mo., Kansas City — GARAGE — Dwight Estate, 660 Board of Trade Bldg., plans rein.-con. garage, 911-13 Wyandotte St. To exceed $150,000. Engineer and architect not selected.

Mo., St. Louis—APARTMENT HOTEL—Local Syndicate, c/o Gantz & Early Co., Arcade Bldg., having preliminary plans prepared by Manske & Bartling, 410 North Euclid Ave., 11 story and basement, rein.-con., brick and terra cotta, Delmar Ave. west of Grand Blvd. $850,000.

Mo., St. Louis—APARTMENT HOTEL—Local Syndicate, 8th and Chestnut Sts., having preliminary plans prepared 8 story and basement, 100 x 150 ft., rein.-con., brick, stone and terra cotta, Delmar Blvd. and De Baliviere Ave. $1,000,000. Private plans.

Mo., St. Louis—COMMERCIAL—Maxine Investment Co., c/o F. Yawitz, International Life Bldg., soon takes bids 4 story and basement, 91 x 205 ft., rein.-con., brick and terra cotta, Beaumont and Olive Sts. $150,000. Private plans. Noted Sept. 23.

Tex., Beaumont—THEATRE—Jefferson Amusement Co., c/o J. C. Clements, Perlstein Bldg., soon lets contract 5 and 7 story and basement, 80 x 160 ft., rein.-con., brick and steel, plain foundation, Fannin St. $500,000. Emile Weil, Inc., Whitney Central Annex Bldg., New Orleans, La., archts. Noted Oct. 28.

Tex., San Antonio—HOSPITAL—Santa Rosa Infirmary having preliminary sketches, etc., made probably 5 story, rein.-con., brick, steel, stone or terra cotta annex, wood pile foundation, West Houston St. $500,000. Engineer and architect selected soon.

Tex., Waco — OFFICE — Waco Development Co., A. T. Clifton, secy., had preliminary plans prepared by M. W. Scott & Co., 412½ Franklin St., 12 story, 100 x 165 ft., rein.-con. and brick, incl. 2 or 3 elevators, Austin and 4th Sts. $700,000.

Okla., Oklahoma City—HOSPITAL—Oklahoma General Hospital Assn., 501 West 12th St., Oklahoma City, having preliminary plans prepared by Hawk & Parr, Magnolia Bldg., 4 story and basement, 78 x 166 ft., rein.-con. addition, plain foundation, 12th St. $160,000.

Okla., Ponca City — OFFICE — Marland Refining Co. had plans prepared 3 story and basement, 100 x 140 ft., rein.-con. and brick, plain foundation, Grand St. $250,000. T. J. Orr, Ponca City, engr. Architect not selected.

Okla., Tulsa—MEDICAL ARTS—C. W. Day, 502 South Boulder St., plans 12 story and basement, 60 x 140 ft. building. $800,000. Engineer and architect not selected.

Okla., Tulsa — OFFICE — McBirney Investment Co. having preliminary plans prepared by E. W. Siffle, 309 Bank of Commerce Bldg., 10 story and basement, 50 x 140 ft., rein.-con. and brick, plain foundation, 3rd St. $400,000.

Okla., Wewoka — HOTEL — Sherritt & Parker had plans prepared by Monnott & Reid, Empire Bldg., Oklahoma City, 3 story and basement, 75 x 140 ft., rein.-con. and brick, plain foundation, Muscogee St. $175,000.

Wash., Seattle—HOTEL—S. Berg, 3402 Woodland Park, having plans prepared by Stuart & Wheatly, Walker Bldg., 18 story and basement hotel, 4th and Olive Sts. $750,000.

Wash., Seattle—OFFICE and STORE—Nootka Investment Co., c/o J. Graham, archt., Dexter Horton Bldg., having plans prepared 8 story and basement, 120 x 120 ft., steel, concrete and terra cotta, 8th and Pike Sts. $500,000.

Ore., Klamath Falls—HOTEL—Klamath Falls Development Co., plans hotel. To exceed $200,000.

Ore., Portland—HOTEL—M. W. Howard, Kreamer Bldg., takes bids after Jan. 1, 15 story, 200 x 200 ft., rein.-con. and steel, 9th and 10th Sts. $2,500,000. L. L. Dougan, Kreamer Bldg., archt.

Ore., Portland—STAGE DEPOT and HOTEL—A. Jaloff, Woodlark Bldg., had plans prepared by H. Brookman, Henry Bldg., 8 story, 100 x 100 ft., rein.-con., 8th, 9th and Taylor Sts. $250,000.

Calif., Culver City—CLUB—Fox Hills Country Club, Los Angeles, having plans prepared by Hunt & Burns, 701 Laughlin Bldg., Los Angeles, 1 and part 2 story, 250 x 300 ft., rein.-con., south of here. $150,000.

Calif., Los Angeles — GARAGE — Chapman Bros. Co., 3469 West 6th St., had revised plans prepared by R. H. Orr, 1305 Corporation Bldg., 5 story, 90 x 275 ft., rein.-con., incl. 2 freight elevators, 6th and Mariposa Sts. $150,000. Noted Oct. 28.

Calif., Los Angeles — HOSPITAL and NURSES HOME—Childrens Hospital Assn. had plans prepared by L. H. Hibbard, Metropolitan Bldg., 2 story, 60 x 252 ft. home, and 4 story and basement, 40 x 260 ft. hospital, incl. rein.-con. elevators, steam heating, refrigerating system, etc., Sunset Blvd. and Vermont Ave. $500,000.

Calif., Los Angeles—THEATRE—United Artists Theatre Corp., 922 South Olive St., having plans prepared by Walker & Eisen, Western Pacific Bldg., 12 story, rein.-con., on 150 x 159 ft. site, South Bway. between 9th and 10th Sts. $1,000,000. Noted Oct. 28.

Calif., Los Angeles—THEATRE—H. L. Gumbiner, 402 Hellman Bank Bldg., takes bids about Nov. 23, 4 story, 50 x 148 ft. with additional 6 story tower, steel and rein.-con., 804 South Bway. To exceed $150,000. S. C. Lee, Petroleum Security Bldg., archt. Noted Oct. 7.

Calif., Modesto—HOSPITAL—St. Marys Hospital, c/o R. G. de Lappe, archt., 1710 Franklin St. Oakland, having plans prepared 3 story, fireproof, 17th and H Sts. $150,000. Weather cooling system, elevator, laundry, etc.

Calif., Oakland — COLUMBARIUM — California Crematorium, 4499 Piedmont Ave., had plans prepared by J. Morgan, Merchants Exch. Bldg., San Francisco, rein.-con. and granite, Piedmont Ave. $150,000.

Calif., Redlands—CLUB—Y. M. C. A. had preliminary plans prepared by Marston, Van Pelt & Maybury, Union Oil Bldg., Los Angeles, 2 story and basement, rein.-con., incl. swimming pool, gymnasium, etc. $150,000 or more. Noted Apr 29.

Calif., Sacramento—MEDICAL ARTS—Syndicate represented by Wright & Kimbrough, 817 J--- St., having plans prepared by Hyman & Appleton, 68 Post St., 10 story and basement, 80 x 160 ft., rein.-con., 11th and L Sts. $1,000,000.

Calif., San Francisco — STORE — T. Crocker, Shreve Bldg., having preliminary plans prepared department store, O'Farrell and Stockton Sts. $1,000,000. O'Connor Moffatt & Co., Inc., 121 Post St., lessee.

Calif., San Francisco—THEATRE—Interests represented by J. H. Schenck, 4500 Hollywood Blvd., Los Angeles, plans theatre, 2,000 or more seating capacity, 10th and Market Sts., here. $3,000,000.

Calif., San Francisco—WAREHOUSE—J. Pasqualetti, 785 Market St., having plans prepared 3 story, rein.-con., Bryant and 6th Sts. $150,000. C. W. Zollner, Humboldt Bank Bldg., engr.

Calif., Venice—CLUB—Las Olas Beach Club, Los Angeles, had plans prepared by Marston, Van Pelt & Maybury, Union Oil Bldg., Los Angeles, 4 story, 95 x 200 ft., rein.-con., brick and terra cotta, The Speedway. $150,000.

Ont., London—CITY HALL—City Council, J. M. Moore, mayor, and chn. com., plans city hall. $300,000. Engineer and architect not selected.

Ont., Toronto — APARTMENT — J. T. Ransom, Metropolitan Bldg., having plans prepared 4 story and basement, rein.-con., brick and stone, plain foundation, Yonge St. and Farnham Ave. Private plans.

Ont., Toronto — HOSPITAL — Western Hospital, 391 Bathurst St., having plans prepared by E. J. Lennox, 364 Bay St., 4 and 5 story and basement, rein.-con., brick and steel, plain foundation, Bathurst St. $1,000,000.

Bids Desired

N. H., Hampton Beach — HALL and STORE—J. E. Cuddy, Jr., et al, 263 Essex St., Lawrence, Mass., taking bids 2 story and basement, 105 x 235 ft., brick, plain foundation. To exceed $150,000. J. E. Allen, 283 Essex St., Lawrence, Mass., archt.

Mass., Cohasset—TOWN HALL—Town Bd. of Selectmen, taking new bids 2 story and basement, brick and stone town hall. $150,000. Former bids rejected. C. M. Baker, 25 Arch St., Boston, archt. Noted Sept. 23.

Mass., Dorchester (Boston P. O.) — APARTMENT—See "Contracts Awarded."

Mass., Fitchburg — APARTMENT — See "Contracts Awarded."

Mass., Lawrence—STORE and APARTMENT—F. Lord, c/o Ashton, Huntress & Alter, archts., 477 Essex St., taking new bids 3 story and basement, brick and stone, plain foundation, Margue St. $150,000. Former bids rejected. Noted Oct. 28.

Mass., Pittsfield—STORE and APARTMENT—G. C. Potter, 127 Burbank St., taking bids 4 story and basement, brick, plain foundation, Tyler St. $150,000. J. Winchell, 144 Wahconah St., archt.

Mass., Revere (br. Boston)—THEATRE—J. A. DiPesa, 20 Pemberton Sq., Boston, taking new bids 1 story and basement, 145 x 210 ft., brick, stone and steel, plain foundation, Bway. $250,000. Former bids rejected. W. W. Drummey, 80 Boylston St., Boston, archt. Noted Oct. 14.

Mass., Waltham (Ind. br. Boston)—WAREHOUSE—See "Contracts Awarded."

Mass., Worcester — HALL — Worcester Horticultural Society taking bids 2 story and basement, brick and stone, plain foundation, Elm and Chestnut Sts. $200,000. J. D. Leland & Co., Statler Bldg., Boston, archts. Noted Oct. 28.

R. I., North Providence (Sta. Providence) —THEATRE, STORE and OFFICE—See "Contracts Awarded."

R. I., Providence — APARTMENT — See "Contracts Awarded."

R. I., Providence—BANK—Nov. 13, by Morris Plan Co., 10 Market Sq., brick and steel, Canal St. $200,000. Jackson Robertson & Adams, 1216 Turks Head Bldg., archts. Noted Jan. 21.

R. I., Providence — THEATRE and STORE—Nov. 13, by A. C. Emery, 36 Exchange St., 2 story, 100 x 160 ft., rein.-con., brick and steel, plain foundation, Hope and 4th Sts. $175,000. J. F. O'Malley, 84 Broad St., Pawtucket, archt.

R. I., Westerly—STORE and OFFICE—See "Contracts Awarded."

Conn., Bridgeport—APARTMENT—See "Contracts Awarded."

Conn., Hartford — APARTMENT — See "Contracts Awarded."

Conn., New Haven—APARTMENT—See "Contracts Awarded."

N. Y., New York—APARTMENT—See "Contracts Awarded."

N. Y., Ossining — ADMINISTRATION, etc. — Nov. 30, by J. L. Long, supt. State Prisons, Capitol, Albany, constructing administration building, assembly hall, Cell Blocks "A" and "B," etc. at Sing Sing Prison, here. S. W. Jones, Capitol, state archt.; adv. E. N.-R. Nov. 11. Noted Oct. 28.

N. J., Morris Plains—OCCUPATIONAL-THERAPY—Nov. 17, by Bd. Institutions &

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Buildings—Commercial (Continued)

Agencies, State House, Trenton, having plans prepared by C. N. Leathem, Trenton, 110 x 250 ft. occupational-therapy building, at New Jersey State Hospital, Greystone Park, here. $260,000.

N. J., Perth Amboy—HOSPITAL—Nov. 19, by Governors and Building Com., Perth Amboy City Hospital Assn., 107 Smith St., addition and alterations to Perth Amboy City Hospital, New Brunswick Ave. B. Goldberger, 117 Smith St., archt. Noted Sept. 23.

Pa., Phila. — APARTMENT — See "Contracts Awarded."

O., Cleveland—STORE, OFFICE and THEATRE—Nov. 15, by Loews Ohio Theatres, Inc., c/o J. Laronge, vice-pres., Union Trust Bldg., 1 and 2 story, 100 x 250 ft., brick, steel and concrete, incl. refrigeration system, etc., West 117th St. and Detroit Ave. $400,000. P. J. Bradshaw, 1900 Euclid Bldg., archt. Noted Sept. 2.

Ind., Ft. Wayne — HOME — Nov. 20, by Comrs. Allen Co., Court House, childrens home, rein.-con., brick and steel. $200,000. Pohlmeyer & Pohlmeyer, 260 Central Bldg., archts. Noted Oct. 21.

Ind., Richmond — INSTITUTION — Nov. 18, by Indiana Hospital for Insane, F. L. Ross, supt., 2 story and basement, 72 x 194 ft. mens cottage, rein.-con., brick and steel. $160,000. C. F. Werking & Son, Amer. Trust Bldg., archts.

Mich., Detroit — APARTMENT — J. B. Eberts, 13605 Livernois Ave., taking bids and opens same about Nov. 20, 4 story and basement, 115 x 125 ft., brick and steel, plain foundation, Chicago Blvd. $160,000. R. J. West, Lafayette Bldg., archt.

Mich., Detroit—BANK—Federal Reserve Bank of Chicago, Detroit Branch, taking bids 3 story and basement, rein.-con., brick and steel, plain foundation, Fort St. $1,200,000. Graham, Anderson, Probst & White, 88 East Jackson Blvd., Chicago, Ill., archts. Noted Oct. 21.

Mich., Detroit—OFFICE—Smith, Hinchman & Grylls, 800 Marquette Bldg., taking bids and open same about Nov. 20, 6 story, 111 x 132 ft., rein.-con. and brick, plain foundation, Parsons St., for League of Catholic Women, 1234 Washington Blvd.

Mich., Detroit—THEATRE and OFFICE —Nov. 20, by C. H. Crane, archt., 542 Griswold St., 19 story and basement, rein.-con., brick and steel, plain foundation, Woodward Ave., for W. Fox, c/o architect. Noted Oct. 14.

Mich., Detroit—THEATRE, STORE and OFFICE—Redford Investment Co., Grand River Ave. and Lasher Rd., taking bids 2 story and part basement, 120 x 180 ft., rein.-con., brick and steel, plain foundation, Lasher Rd. $150,000. Verner, Wilhelm & Molby, 824 Book Bldg., archts.

Mich., Hamtramck — RECREATION — Ukrainian Home, 2376 Grayling Ave., taking bids 2 story and basement, 100 x 160 ft., rein.-con., brick and steel recreation building, incl. theatre and auditorium, plain foundation, Martin and Limzee Sts. $150,000.

Ill., Chicago—OFFICE and STORE—P. B. Maher, archt., 157 East Erie St., taking bids and opens same about Nov. 15, 9 story and basement, 60 x 75 ft., rein.-con. and limestone, Michigan Ave. and Erie St., for A. L. Farwell, 1301 Ritchie Court. $1,000,000. Noted Sept. 16.

Wis., Kenosha—APARTMENT—Nov. 13, by A. J. Kenney, archt., 583 Jefferson St., Milwaukee, 3 story and basement, 96 x 110 ft., brick, tile and concrete, plain foundation, here, for I. H. Benesch, 583 Jefferson St., Milwaukee. $150,000.

Wis., Milwaukee—HOTEL—Dec. 6, by Holabird & Roche, archts., 104 South Michigan Blvd., Chicago, Ill., 23 story and basement, 150 x 200 ft., brick, concrete, steel and terra cotta, plain foundation, Grand Ave., for Schroeder Hotel Co., 86 Michigan St. $4,000,000. Noted Nov. 4.

Ia., Cedar Rapids—COLISEUM—Nov. 29, by Memorial Building Comn., C. B. Robbins, pres., 4 and 7 story and basement, rein.-con. and steel, concrete pile foundation, on island in Cedar River. $900,000. W. J. Brown, Bever Bldg., and H. E. Hunter, Security Bldg., Pittsburgh, Pa., associated archts. H. Hornbostel, Hardy & Hayes Bldg., Pittsburgh, Pa., consult. archt. Noted Oct. 21.

Ark., Hope—THEATRE—Nov. 15, by J. P. Brundidge, 75 x 150 ft., brick and steel, 40 ft. high, 2nd St. $150 000. Witt, Seibert & Halsey, 807 Texarkana Natl. Bank Bldg., Texarkana, archts.

Mo., St. Louis — APARTMENT — See "Contracts Awarded."

Mo., Liberty—GARAGE—See "Contracts Awarded."

Tex., McAllen—HOTEL—See "Contracts Awarded."

Calif., Los Angeles—APARTMENT—See "Contracts Awarded."

N. M., Albuquerque — THEATRE — O. Bachechi, c/o Pastime Theatre, taking bids 3 story, 75 x 142 ft., brick, steel, terra cotta, and hollow tile, 5th St. and Central Ave. $150,000. G. Williamson, Sunshine Bldg., archt.

Bids Received

N. J., Atlantic City — CONVENTION HALL—Bd. City Comrs., City Hall, Nov. 4, general contract conventional hall, from G. A. Fuller Co., 949 Bway., New York City, $4,786,025; heating system, from L. E. Mitchel Co., 915 East Monument St., Baltimore, Md., $467,000; plumbing, from W. G. Cornell, 19th and Vine Sts., Phila., Pa., $160,700; and electrical work, from Fischback & Moore, 22 East 42nd St., New York City, N. Y., $735,000. Noted Oct. 7.

Pa., Phila.—HOUSE of CORRECTION—Director Pub. Welfare, City Hall, 50 x 140 ft. administration building and 50 x 325 ft. main building, both 2 story and basement; 2 story, 58 x 160 ft. boiler room; 54 x 110 ft. dining hall, 45 x 110 ft. kitchen, and 50 x 150 ft. receiving building, all 1 story and basement, stone and steel, plain foundations, Holmesburg St., from H. E. Baton, 17th and Walnut Sts. $477,000, deduct $90,000 for administration building. Noted Oct. 28.

O., Columbus — WOMENS CLUB — Richards, McCarty & Bulford, archts., 584 East Broad St., 4 story, 80 x 162 ft., brick and steel, incl. elevator, swimming pool, bowling alleys, etc., South Front St., from L. L. LeVegue Co., 1378 Parkway Dr., for Columbus Federation of Womens Clubs. $234,220. Noted Oct. 14.

Minn., Minneapolis—PHYSICS LABORATORY—State Comrs. of Administration & Finance, 18 State Capitol, St. Paul, Nov. 4, general contract 4 story and basement, rein.-con., brick and stone at State University, here, from Madsen Constr. Co., 618 Natl. Bldg., building complete $372,500, and part building $297,000. Noted Oct. 28.

Colo., Denver—CITY HALL and COURT HOUSE—Allied Architects Assn. of Denver, Insurance Bldg., Oct. 29, 4 story and basement, 350 x 500 ft., granite, steel, marble and tile, Civic Center, for municipality, from A. Olson, Patterson Bldg., $3,552,000. Noted Sept. 30.

Wash., Bellingham—STORE—J. Graham, archt., Dexter Horton Bldg., Seattle, general contract 4 story and basement, 110 x 125 ft., rein.-con., steel and terra cotta, here, from Hendrikson & Alstrom, Seaboard Bldg., for Montague & McHugh, Bellingham. $165,179.

Contracts Awarded

Mass., Boston—BANK—Exchange Trust Co., 1 Court St., altering and reconstructing 3 story and basement, 50 x 100 ft., brick, limestone and steel, plain foundation, 167-175 Washington St., to B. Steinberg, 6 Beacon St. Archts. est. $300,000. Noted Oct. 21.

Mass., Dorchester (Boston P. O.) — APARTMENT—J. Sorkin, 63 Moreland St., Roxbury, will build 3 story and basement, rein.-con. and brick, plain foundation, Savin Hill Ave., here. $150,000. Work will be done by separate contracts. S. S. Levy, 35 Court St., Boston, archt.

Mass., Fitchburg—APARTMENT—Amer. Realty Trust, c/o L. Burdo, treas., Wonoosco Rd., will build 3 story and basement, rein.-con., brick and stucco, plain foundation, Day and Waverley Sts., by day labor. $150,000. J. J. Driscoll, 60 Fairbanks St., archt.

Mass., Springfield—MAUSOLEUM—F. E. Ehrgood, Parker St., rein.-con. and steel, Parker St., to Fred T. Ley, Inc., 1204 Main St. Archts. est. $500,000.

Mass., Waltham (Ind. br. Boston)—WAREHOUSE—H. K. Noyes & Son, Inc., will build 3 story, brick and steel, plain foundation, River St. Extension. $150 000. Work will be done by separate contracts. F. A. MacThesfray, company's engr.

Mass., Winthrop (br. Boston)—CLUB—Cottage Park Yacht Club, 2 story, brick, wood pile foundation, to W. D. Grover, 87 Forest St., Medford. Archts. est. $150,000. Noted Sept. 2.

Mass., Worcester — THEATRE — Two Hundred and Sixty-One Main St. Corp., (subsidiary of M. Loew Co. of New York City), theatre, Main and Central Sts., here, to J. D. Harrison Constr. Co., Inc., 285 Madison Ave., New York City. Archts. est. $2,000,000. Noted Sept. 9.

R. I., North Providence (sta. Providence) —THEATRE, STORE and OFFICE—N. J. Trahan, 1862 Centerdale St., will build 2 story and basement, brick and steel, plain foundation. To exceed $150,000. Work will be done by separate contracts. Private plans.

R. I., Providence — APARTMENT — H. Soren, 259 Willard St., will build 3 story and basement, brick and stone, plain foundation, Ontario and Niagara Sts. $150,000. Work will be done by separate contracts. Private plans.

R. I., Westerly—STORE and OFFICE—S. Nardoine, will build 3 story and basement, brick and stone, plain foundation. $150,000. Work will be done by separate contracts. Bilderbeck & Langdon, Inc., State St., New London, Conn., archts.

Conn., Bridgeport — APARTMENT — W. T. Chatlos, Bway., Stratford, will build 6 story and basement, 80 x 150 ft., brick and stone, here. $300,000. Work will be done by separate contracts. J. W. Northrup, 211 State St., archt.

Conn., Hartford—APARTMENT—Dolgin Bros., 198 Vine St., will build three 3 story, 70 x 90 ft., brick and steel, Woodland St., by day labor. $175,000. Berenson & Moses, 30 Allyn St., archt. Noted Apr. 8.

Conn., New Haven—APARTMENT—R. Horowitz, 23 Church St., will build 3 story, 130 x 165 ft., brick and steel, plain foundation, Ellsworth St., by day labor. $300,000. C. H. Abramowitz, 42 Church St., archt.

Conn., New Haven—BANK—Union New Haven Trust, 57 Church St., 12 story, 115 x 135 ft., rein.-con., brick and steel, Church and Elm Sts., to Larkin-Carey Co., 166 Brewery St. Archts. est. $2,000,000.

N. Y., Albany—STORE and OFFICE—H. Goodman (owner and contractor) 262 South Main St., will convert 3 story brick and timber building into 7 story, brick, concrete and steel, 114-116 State St. $180,000.

N. Y., New York — APARTMENT — P. Weinstein, 303 Greenwich St., will build 6 story, brick, steel and stone, plain foundation, Walton Ave. and 157th St. $1,000,000. Work will be done by separate contracts, under supervision Glick & Duma, archts., 400 East Fordham Rd.

N. Y., New York—LOFT and OFFICE—Merchants Square Corp., C. G. Edwards, in charge, 90 Franklin St., 17 story, brick, steel and stone, plain foundation, West Bway., Worth and Church Sts., to G. Richard Davis & Co., Inc., 12 East 41st St. Archts. est. $6,000,000.

N. Y., New York — LOFT — N. O. Sinansky, 1440 Bway., 23 story, rein.-con., brick & steel, plain foundation, 39th St. and 8th Ave., to S. S. Roth & Bro., 1440 Bway. Archts. est. $1,600,000.

N. Y., Syracuse — APARTMENT — L. Fidler (owner and contractor) 502 East Irvin St., will build 4 story and basement, 91 x 95 ft., rein.-con. and brick, East Genessee St. $150,000.

Pa., Ardmore—APARTMENT—W. M. Stanton, archt., Land Title Bldg., Phila., 3 story and basement, 200 x 200 ft., rein.-con., brick and steel, plain foundation, Linwood and Argyle Aves., to H. H. Conway, 5800 Walnut St., Phila., for E. A. Fitts, 40 Lawrence Ave. Archts. est. $1,000,000. Noted Aug. 26.

Pa., Phila.—APARTMENT—L. K. Faulkner, 4245 Ludlow St., will build 6 story and basement, 52 x 112 ft., rein.-con., brick and steel, plain foundation, 48th and Chestnut Sts., by day labor. $250,000. C. E. Oelschlager, 1615 Walnut Sts., archt.

Pa., Phila.—APARTMENT—S. G. Green, 916 North 6th St., will build 4 story and basement, 50 x 110 ft., rein.-con. and brick, plain foundation, 47th and Aspen Sts. Work will be done by separate contracts. E. L. Rothschild, Bankers Trust Bldg., archt. Noted Oct. 14.

Pa., Phila.—APARTMENT—Overbrook Constr. Co., 5523 Masters St., will build 2 story and basement, 197 x 207 ft., rein.-con., brick and steel, plain foundation, 2331 North 58th St. Work will be done by separate contracts. R. G. Pratt, Franklin Bank Bldg., archt.

Md., Baltimore—GARAGE—Motor Ramp Garage Co., F. N. Iglehart, vice-pres., 11 East Lexington St., 6 story, concrete and steel garage, to Consolidated Eng. Co., 20 East Franklin St., Baltimore, Md. This corrects report in Sept. 30 issue. Noted Sept. 30.

Fla., Daytona Beach—HOSPITAL—Bd. Comrs. Halifax Hospital Dist., c/o Chamber of Commerce, brick, stone, tile and concrete hospital, to Southern Ferro Concrete Co., 50 East Ellis St., Atlanta, Ga. $250,000. Noted July 15.

Fla., Ft. Meade — HOTEL — Ft. Meade Terrace Hotel Co., 5 story, rein.-con., to Nix Macdonald Constr. Co., Ft. Meade, $175,000.

Ky., Paducah—HOTEL—Charleston Investment Co., Inc., 828 Century Bldg., St. Louis, Mo., 5 story and basement, 100 x 150 ft., rein.-con., brick and terra cotta, here, to W. H. Cunliff Constr. Co., 410 North Euclid St., St. Louis, Mo. Archts. est. $500,000.

O., Columbus — RESTAURANT—Howell & Thomas, archts., 4500 Euclid Ave., Cleve-

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Buildings—Commercial (Continued)

land, 2 story and basement, 187 x 933 ft., brick, concrete and terra cotta, with 5 store rooms in front, East Broad St., to R. H. Evans & Co., 8 East Long St., for Maramor Co., 112 East Broad St. $126,000. Noted Sept. 16.

Mich., Flint — FURNITURE SALES — Pringle Furniture Co., Gratiot Ave., Detroit, 3 story and basement, brick and rein.-con., to H. G. Christman Co., 315 Stevens Bldg., Detroit. Archts. est. $150,000.

Ill., Chicago — APARTMENT — A. H. Mogill, 1508 North Crawford Ave., masonry contract 3 story, 100 x 124 ft., brick, 4026-34 Keystone Ave., to H. Jensen, 4948 North Hamlin Ave. Archts. est. $190,000.

Ill., Chicago—APARTMENT—Syndicate, c/o P. F. Olson, archt., 720 Cass St., masonry and concrete work for 5 story, 87 x 158 ft., rein.-con. and brick, Beacon and Leland Aves., to A. and E. Anderson, 19 South LaSalle St. Noted Sept. 30.

Ill., Chicago — OFFICE and STORE — Hyland & Corse, archts., 159 East Ohio St., general contract 12 story and basement, 40 x 110 ft., rein.-con., brick and terra cotta, 180 West Washington St., to Duval-Herrling & Co., 190 North State St., for One Hundred and Eighty West Washington St. Corp., A. F. Klink, pres., c/o Ready, McCormack & Straus, 110 South Dearborn St. Archts. est. $1,000,000. Noted Apr. 15.

Wis., Madison—THEATRE and BUSINESS—C. W. and G. L. Rapp, archts., 190 North State St., Chicago, Ill., 3 story and basement, 120 x 132 ft., rein.-con., brick and terra cotta, plain foundation, State St., to Immel Constr. Co., Dana Bldg., Fond du Lac, for New Capitol Investment Co., W. Schroeder, 86 Michigan St., Milwaukee, pres. Archts. est. $700,000. Noted Oct. 14.

Wis., Milwaukee — APARTMENT — Randco Corp., 466 Oakland Ave., 6 story and basement, 50 x 106 ft., brick, steel and tile, plain foundation, Cass Ave., to Reisinger & Co., 466 Oakland Ave. Archts. est. $175,000.

Wis., Oshkosh—BANK and OFFICE—J. F. Dreger, archt., 115 Main St., general contract remodeling 3 story bank and office building, to C. R. Meyer & Sons Co., 50 State St. Archts. est. $150,000. Noted Sept. 16.

Wis., Waupun—CITY HALL—R. Zimmermann, city clk., 3 story and basement, rein.-con. and brick, plain foundation, to E. Wolden, Menomonie, $108,686. Noted Oct. 28.

Minn., Minneapolis—APARTMENT HOTEL — Intersection Holding Co., M. T. Baker, pres., Baker Bldg., 6 story and basement, rein.-con., brick and stone. Hennepin and Groveland Aves., to J. Leck Co., 211 South 11th St. Noted Jan. 28.

Mo., Kansas City — HOSPITAL — Childrens Mercy Hospital, 121 Clinton Pl., 4 story and basement, 37 x 164 ft., rein.-con., brick and stone, Independence and Woodland Sts., to Lonsdale Bros., 520 Bryant Bldg. Archts. est. $175,000. Noted May 27.

Mo., Liberty—GARAGE—E. E. Bell will build 2 story and basement, 100 x 150 ft., rein.-con., brick and steel, by day labor. $200,000. Private plans.

Mo., St. Louis—APARTMENT—Missouri Realty & Constr. Co., 6117 Page Blvd., will build 2 and 3 story and basement, brick and concrete, Belt and Ashland Aves., by day labor. $180,000.

Tex., Abilene—HOTEL—Abilene Hotel Co., W. G. Swensen, c/o Building Comn., 9 story and part basement, 100 x 140 ft., rein.-con. and brick, plain foundation, 4th and Pine Sts., to R. E. McKee, El Paso, $304,760; heating, ventilating, and plumbing, to S. P. Osburn, 1900 5th Ave., $74,970. Noted Sept. 30.

Tex., Laredo—HOTEL—Aztec Hotel Co., Inc., general contract 10 story, 110 x 110 ft. hotel Flores and Grant Sts., to Kelwood Co., Laredo. Archts. est. $425,000.

Tex., McAllen—HOTEL—M. R. Nelson, will build 6 story and basement, 50 x 150 ft., rein.-con., brick and tile, plain foundation, by day labor. $160,000. H. P. Smith, c/o Natl. Bank of Commerce Bldg., San Antonio, archt.

Ore., Portland—OFFICE—Portland Gas & Coke Co., Gasco Bldg., G. W. Talbot, pres., 15.5 story, 100 x 200 ft., rein.-con. office, Salmon, Taylor and 6th Sts., to L. H. Hoffman, U. S. Natl. Bank Bldg. Archts. est. $1,500,000.

Calif., Long Beach—HOTEL—Shorecrest Hotel Corp., 742 South Hill St., Los Angeles, 12 story, 120 x 200 ft., rein.-con., Ocean Blvd., to Bard & Co., Pacific Natl. Bank Bldg., Los Angeles, approximately $850,000.

Calif., Los Angeles—APARTMENT—S. Silbert, 319 South McCadden Pl., will build 4 story and basement, 75 x 150 ft., brick, Leeward Ave., by day labor. $150,000.

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Calif., Los Angeles — APARTMENT — Guardian Holding Co., Commercial Exch. Bldg., 4 story, 50 x 210 ft., brick and concrete, incl. gas steam heating, refrigerating system, Hollywood Blvd. to W. T. Murray, Commercial Exch. Bldg., to exceed $150,000.

Calif., Long Beach—LODGE—Wright & Gentry, archts. and engrs., Marine Bank Bldg., 125 x 150 ft., rein.-con. and steel, Locust Ave., to R. E. Campbell, Central Bldg., Los Angeles, for York Rite Masonic Bldg., Assn., c/o architects. Approximately $650,000. Noted July 29.

Calif., Los Angeles—HOTEL—N. Chase, c/o W. Allen, 914 Pacific Natl. Bank Bldg., 5 story and basement, brick, South Bonnie Brae St., to Bard & Co., Pacific Natl Bank Bldg., $150,000.

Calif., Los Angeles — STORE and OFFICE — H. M. Blaine, 6331 Hollywood Blvd., 3 story, 95 x 100 ft., brick and concrete, incl. elevator, Hollywood Blvd. and Whitley Ave., to H. L. Beller, 255 South Milton St., $150,000.

Calif., Santa Monica—CLUB—Deuville City Club, Insurance Exchange Bldg., Los Angeles, 12 story and basement club, here, to Scofield Eng. & Constr. Co., Pacific Finance Bldg., Los Angeles. Archts. est. approximately $1,000,000.

Mexico, Calexico—HOTEL—G. A. Eastman, 602 South Lucerne Ave., Los Angeles, Calif., 3 story, 140 x 350 ft., rein.-con. and tile, 3rd St., here, to Union Eng. Co., Bartlett Bldg., Los Angeles, Calif., $200,000.

B. C., Vancouver—THEATRE—Orpheum Circuit, 765 Granville St., structural steel for 2 story, 120 x 175 ft. theatre, Seymour and Smith Sts., to J. Coughlan & Son, 1st Ave. and Columbia St., $40,000; excavation, to Northern Constr. Co., 736 Granville St., $24,000. Noted Oct. 21.

Buildings—Industrial

Proposed Work

Mass., Beverly—REPAIR GARAGE and SHOW ROOMS—B. Paolillo, 112 Rantoul St., having revised plans prepared by W. H. Hunt & Son, 197 Washington St., Salem, 1 story, rein.-con. and steel, plain foundation, 113 Rantoul St. $50,000.

Mass., Boston — POWER STATION — Edison Electric Illuminating Co., 70 State St., Boston, plans power station, Arch and Hawley Sts. To exceed $40,000. Engineer and architect not selected.

Mass., Cambridge (Boston P. O.)—REPAIR and SERVICE GARAGE—L. Blais, c/o R. C. Grovestein, archt., 5 Brattle St., having plans prepared 1 story, brick and steel, plain foundation, Church St. at Harvard Sq. $45,000.

Mass., South Boston (sta. Boston)—REPAIR and SERVICE GARAGE—K. De Pietro, 424 Hanover St., Boston, having plans prepared by F. A. Norcross, 46 Cornhill, Boston, 1 story, 145 x 190 ft., rein.-con. and brick, plain foundation, 45, West 3rd St., here. $80,000.

N. Y., New York—RADIO PLANT—F. A. D'Andrea, 1581 Jerome Ave., soon takes bids 4 story, 160 x 225 ft., rein.-con., brick and steel, plain foundation, Jerome Ave. $350,000. Ballinger Co., 100 East 42nd St., engrs. and archts.

N. Y., Syracuse — LAUNDRY — Atlas Linen Supply Co., 818 Montgomery St., had plans prepared by G. L. Van Auken, 802 City Bank Bldg., 2 story and basement, 100 x 100 ft. rein.-con. and brick, plain foundation, 403 West Taylor St. $75,000.

N. J., Morris Plains—INDUSTRIAL—Bd. Institutions & Agencies, State House, Trenton, having plans prepared by C. N. Leathem, State Bldg., Trenton, 1 story, 30 x 60 ft., brick industrial plant, at Greystone Park, here. $60,000.

Pa., Phila.—FACTORY—R. L. Binder, 497 North 3rd St., having plans prepared by E. A. Stopper, 10 South 18th St., 5 story and basement, 50 x 100 ft., rein.-con., brick and steel, plain foundation, American and Buttonwood Sts.

Pa., Phila.—STORAGE WAREHOUSE—Quaker City Storage Co., c/o Ballinger & Co., archts., 12th and Chestnut Sts., having plans prepared 12 story, approximately 1,800,000 cu.ft. floor space, rein.-con. and brick, plain foundation, Delaware Ave. and Spruce St.

Md., Baltimore — MANUFACTURING — Crosse & Blackwell, Inc., 146 West 22nd St., New York City, N. Y., and London, England, plans rein.-con. and brick, Eastern Ave. and 42nd St., here. $1,000,000. Clark, MacMullen & Riley, 101 Park Ave., New York City, N. Y., engrs.

W. Va., Wellsburg—MILL—Ohio Valley Industrial Corp., Central Union Trust Bldg., Wheeling, plans steel fabricating mill, here. $325,000.

O., Akron—FACTORY—Firestone Tire & Rubber Co., 1289 South Main St., had plans prepared by Wilbur Watson & associates, 4614 Prospect Ave., Cleveland, and soon takes bids 6 story, 45 x 190 ft., brick, steel and rein.-con. wing to Plant 2, South Main St. E. A. Hoener, Firestone Steel Products Co., Wilbeth Rd., ch. engr.

O., Cleveland—FACTORY—Natl. Carbon Co., R. C. Frazer, purch. agt., West 117th St. and Madison Ave., had plans prepared by D. R. Shock, c/o owner, 2 story and basement, brick and rein.-con., Berea Rd. $150,000.

O., Dayton — FACTORY — International Tool Co., 138 North Madison Ave., soon takes bids factory Overlook Ave. $100,000.

O., Moraine City (mail West Carrollton) —FACTORY—General Box Co., 508 North Dearborn St., Chicago, Ill., soon takes bids box factory, here. $50,000.

Ind., Ft. Wayne — MACHINE SHOP, GARAGE and STORE — P. Doege takes bids about Nov. 15, 2 story, 75 x 155 ft. rein.-con., brick and steel, John and Pontiac Sts. $42,000. A. M. Strauss, 705 Tri-State Bldg., archt.

Mich., Detroit—STOVE FACTORY and OFFICE—Peninsular Stove Co., Fort St. and Trumbull Ave., having plans prepared 1 and 2 story, 750,000 sq.ft., rein.-con., brick and steel, plain foundation, Burt Rd. Private plans.

Mich., Muskegon—PISTON RING FACTORY — Vander West & Child, archts., Montgomery Blk., take bids about Dec. 1, 120 x 192 ft., brick and steel, plain foundation, for Panyard Machine & Mfg. Co., 295 West Western Ave. $40,000.

Mich., Pontiac — FOUNDRY — Oakland Motor Car Co., Oakland Ave., having plans prepared 1 story, 300 x 700 ft., brick, steel and rein.-con. foundry, 300 ton daily capacity, Oakland Ave. $1,000,000.

Wis., Madison—SERVICE STATION—J. A. Ryden, 611 Milwaukee St., having plans prepared by M. P. Schneider, 401 West Doty St., 2 story, 40 x 117 ft., rein.-con., brick and steel, plain foundation. $40,000.

Wis., Random Lake—CONDENSORY—Sommer & Sons having preliminary plans prepared by E. A. Stubenrauch, 629 North 8th St., Sheboygan, 2 story, 60 x 120 ft., brick and steel, plain foundation. $50,000.

Kan., Kansas City—CAR ICING PLANT—City Ice Co., 21st and Campbell Sts., Kansas City, Mo., having plans prepared 60 ton capacity car icing plant, 18th and Muncie Sts., here. Private plans.

Mo., Cape Girardeau—GAS PLANT—Missouri Utilities Co., plans gas plant, incl. latest type carbonated water gas set. $40,000. Private plans.

Mo., Dodson—ICE PLANT—City Ice Co., 21st and Campbell Sts., Kansas City, having plans prepared 40 ton ice plant, here. Private plans.

Mo., Kansas City—FIBRE BOARD MILL—Hinde & Dauch Paper Co., Sandusky, O., plans rein.-con. and brick, here. $1,500,000. Private plans.

Mo., Kansas City—MACHINE SHOP and GARAGE—Pub. Serv., 15th and Grand Sts., plans 2 each of machine shops, motor bus garages, and car barns, also new street cars. Private plans.

Mo., Kansas City—STEEL FABRICATING PLANT—Amer. Steel Wks., 2844 South West Blvd., C. R. Houston, pres., plans 1 story, 60 x 130 ft., rein.-con., brick and steel plant. Private plans.

Mo., Manchester—ICE and COLD STORAGE—St. Louis Co. Ice & Cold Storage Co., 9237 Manchester Ave., St. Louis, having plans prepared by H. G. Clymer, Wainwright Bldg., St. Louis, 1 story, 40 x 75 ft., rein.-con. and brick, here. $40,000.

Mo., St. Louis—ELECTRIC MANUFACTURING PLANT — Pacific Electric Mfg. Co., 5815 3rd St., San Francisco, Calif., plans 1 and 2 story, rein.-con. and steel, Terminal Belt R.R. tracks, here. $175,000. Private plans.

Mo., Waldo—ICE PLANT—City Ice Co., 21st and Campbell Sts., Kansas City, having plans prepared 80 ton ice plant, here. Private plans.

Tex., Alice—BOTTLING PLANT—Amer. Bottling Co., purchased site and plans large bottling plant. $60,000. Private plans.

Tex., Houston — FREIGHT HOUSE — Missouri, Kansas & Texas R.R. Co., F. Ringer, ch. engr., St. Louis, Mo., having plans prepared 2 story and basement, 100 x 200 ft., and 1 story, 100 x 700 ft., rein.-con., brick and steel, Gabel St. from Magnolia to Lyle Sts., here. $1,000,000.

Tex., Phillips—REFINERY—Alamo Refining Co., 100 Central Bldg., Amarillo, having preliminary plans prepared plant addition, here. $1,000,000. Private plans.

Tex., San Benito — REFRIGERATION and PRECOOLING PLANTS—Rio Grande

Buildings—Industrial (Continued)

Valley Gas Co., c/o J. B. Gaines, judge, making surveys, etc., refrigeration and precooling plants various points in lower Rio Grande Valley. Private plans.

Okla., Lawton — ICE PLANT — Southwestern Light & Power Co., Braniff Bldg., Oklahoma City, having plans prepared 1 story, concrete, brick and steel ice plant, 100 ton capacity here. $175,000. Private plans.

Okla., Oklahoma City — WAREHOUSE, etc.—Crane Co., 836 South Michigan Ave., Chicago, Ill., had sketches made 2 story, 84 x 180 ft., rein.-con. warehouse, store and office building, also garage, pipe storage shed, pipe cutting and threading shop additions, here. Engineer and architect not selected.

California—ICE PLANT—Vel-Rose Ice Cream Co., 802 East Weber St., Lodi, plans ice manufacturing plants probably rein.-con., in Sacramento and Modesto. Each to exceed $40,000. Noted Jan. 7.

Que., Aylmer — MILL — International Paper Co., Three Rivers, plans mill, here. $1,000,000.

Ont., London—BREWERY—Carling Export Brewing Co., plans brewery addition. $100,000.

Ont., London — FACTORY — Richards Wilcox Canadian Co., W. R. Yendall, mgr., having plans prepared probably tile addition, Chelsea Green. $50,000. Private plans.

Ont., St. Catharines—FACTORY—L. O. Hudson Co., Vine St., plans remodeling factory for manufacture high grade silk hosiery. $100,000.

Ont., Toronto — FACTORY — Crouse & Blackwell Canada, Ltd., 43 Front St. E., plans rein.-con., brick and steel, plain foundation, Fleet and Bathhurst Sts. $1,000,000. Engineer and architect not selected.

Mexico, Michoacan—HYDRO-ELECTRIC PLANT — Mexican Light & Power Co., Mexico City, having plans prepared hydro-electric plant, on Lerma River, at new dam, here. $3,000,000. Private plans.

Bids Desired

Mass., Brookline (Boston P. O.)—WELDING SHOP—D. Miller, 43 Brookline Ave., taking bids 1 story, brick and steel, plain foundation, Brookline Ave. $40,000. A. J. Halfenstine, 143 Washington St., archt. Noted Oct. 28.

Mass., Everett (Boston P. O.) — FACTORY—See "Contracts Awarded."

Mass., Medford (br. Boston) — MANUFACTURING—See "Contracts Awarded."

Mass., South Boston (Boston P. O.) — FACTORY—See "Contracts Awarded."

Mass., South Boston (sta. Boston) — PRINTING PLANT — See "Contracts Awarded."

Mass., Springfield — PLANT—Springfield Republican, 32 Cypress St., taking new bids altering 3 story, brick addition plain foundation, Cypress St. $75,000. Former bids rejected. Blackall & Elwell, 44 Bromfield St., Boston, archts. Noted Oct. 7.

Mass., Worcester — MILL — See "Contracts Awarded."

R. I., Pawtucket—REPAIR and SERVICE GARAGE—See "Contracts Awarded."

R. I., Providence — PLANT — Wilson & Co., G. P. Hopkins, pres., Union Stock Yard, Chicago, Ill., taking bids 3 story and basement, 40 x 110 ft., rein.-con. and brick, plain foundation, Canal St., here. F. E. Denger, 227 Canal St., Providence, engr.

N. J., Paterson—GARAGE, etc.—Nov. 16, Passaic Valley Sewerage Com., 24 Branford Pl., Newark, garage and office building, 20th Ave. near Boulevard. J. R. Van Dyne, ch. engr.

Pa., Chester — MANUFACTURING PLANT — Nov. 10, by Ballinger & Co., archts., 12th and Chestnut Sts., Phila., 1 story, 80 x 130 ft., rein.-con., brick and steel addition, plain foundation, Tilghman St., here, for S. P. Stevenson, 1500 West 4th St.

Pa., Phila.—GARAGE and SERVICE—See "Contracts Awarded."

Pa., West Elizabeth — WAREHOUSE — See "Contracts Awarded."

Ala., Birmingham—PLANT—See "Contracts Awarded."

Ky., Mayfield — CONDENSORY — F. L. Kronenberg, archt., Carroll Bldg., Madison, Wis., taking bids 1 and 2 story, rein.-con., brick and steel, plain foundation, here, for Golden Key Milk Products Co., Washington Bldg., Madison, Wis. $50,000. Noted Nov. 4.

Ind., Crawfordsville — PRINTING PLANT — R. R. Donnelley & Sons, 731 Plymouth Court, Chicago, Ill., taking bids 1 story, 148 x 200 ft., brick and steel, here. $100,000. H. Shaw, 104 South Michigan Ave., Chicago, Ill., archt.

Ind., South Bend — FACTORY — Woodward Patten Wks., 321½ North Michigan Ave., taking bids 1 story and basement, 40 x 100 ft., brick factory. $40,000. M. E. Smith, 323 South Main St., archt.

Ind., South Bend — MACHINE SHOP, GARAGE and SALESROOM — M. L. Hines, 521 West Colfax St., taking bids 3 story and basement, 65 x 165 ft., rein.-con., brick and steel, 19 South Lafayette St. $90,000. M. E. Smith, 323 South Main St., archt.

Ind., Terra Haute—FACTORY—Turner Bros., taking bids 1 story and basement, 100 x 200 ft., rein.-con., brick and steel factory. $150,000. W. E. Russ, Meridian Life Bldg., Indianapolis, archt. Bevington & Williams, Indiana Pythian Bldg., Indianapolis, engr.

Wis., Madison—PLANT—Oscar Mayer & Co., A. C. Bolz, mgr., North and Madison Sts., taking bids 2 story and basement, 40 x 80 ft., rein.-con., brick and steel, plain foundation, North St. $40,000. Henschein & McClaren, Prairie Ave., Chicago, Ill., archts.

Wis., Muscoda—PLANT—See "Contracts Awarded."

Wash., Longview—PAPER MILL—See "Contracts Awarded."

Bids Received

N. Y., New York—SHOPS—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., Nov. 5, enclosures of 4th addition to shops Lenox Ave. and 148th St. Yard, from Eastern Constr. Co., 110 West 40th St., $458,000. Noted Nov. 4.

N. J., Newark—POWER HOUSE—Dept. Parks & Pub. Safety, City Hall, rein.-con., brick and steel, from F. Briscoe, 287 South 19th St. Noted Oct. 7.

SUBWAY—BOSTON, MASS.

Bids were opened by Transit Department, 1 Beacon St., for constructing Sect. No. 1 of Dorchester Rapid Transit R.R. road bed, platforms, bridges, etc., from (A) M. F. Gaddis, 6 Beacon St., (awarded contract); (B) J. C. Coleman & Sons Co., 1620 Tremont St., Roxbury; (C) T. Stuart & Sons Co., 222 Pearl St., Newton; (D) Coleman Bros. Inc., 245 State St.; (E) J. McCourt Co., 810 Huntington Ave.; C. & R. Constr. Co., 67 Harrison St., Roslindale, $624,090; A. G. Tomasello & Son, Inc., 63 Devonshire St., $669,800; J. J. Coughlan & Sons, Inc., 27 School St., $704,780; Reynolds Bros., Inc., 179 Summer St., $719,983; B. E. Grant Co., 77 Floyd St., Roxbury, $723,500; Simpson Bros. Corp., 77 Summer St., $739,216; Alco Contg. Co., 43 Tremont St., $740,825. The unit bids of the lowest four and highest bidders are as follows:

	A	B	C	D	E
35,000 cu.yd. earth excavation	$2.25	$1.50	$2.00	$4.50	$6.00
6,000 cu.yd. rock excavation	7.00	7.50	5.00	6.50	8.00
35,000 cu.yd. gravel borrow	1.40	1.60	1.70	1.50	3.25
4,500 cu.yd. stone masonry removed	3.50	4.00	5.00	5.00	6.00
500 cu.yd. concrete and other masonry removed	4.00	10.00	10.00	10.00	8.00
50 cu.yd reinforced concrete masonry removed	10.00	40.00	20.00	13.00	20.00
200 cu.yd. concrete base removed	4.80	12.00	2.00	3.00	5.00
8,000 cu.yd. concrete	18.40	20.00	22.00	18.00	24.00
300 cu.yd. small stone concrete	18.40	20.00	25.00	30.00	25.00
50 cu.yd. cinder concrete	10.00	12.00	15.00	10.00	20.00
200 cu.yd. mortar	22.00	25.00	20.00	20.00	24.00
500 lin.ft. cement mortar column casings	3.00	5.00	5.00	2.00	4.00
200 sq.yd. granolithic finish	2.00	2.00	1.50	1.25	2.00
100 sq.yd. granolithic sidewalks	3.60	3.00	3.00	3.00	4.00
100 cu.yd. brick masonry	34.00	45.00	35.00	40.00	48.00
300 cu.yd stone masonry	12.00	15.00	20.00	13.00	16.00
600 lin.ft. vitrified pipe 4-6-8 in.	1.80	1.50	1.00	1.00	2.50
600 lin.ft. vitrified pipe 10-12 in.	2.10	2.50	1.25	1.50	3.00
300 lin.ft. vitrified pipe 15 to 24 in.	3.00	4.00	3.00	5.00	5.00
400 tons reinforcing rods and other steel and iron	83.00	90.00	110.00	90.00	100.00
300 tons structural steel	40.00	85.00	30.00	50.00	60.00
5,000 sq.ft. wire cloth	.10	.25	.10	.10	.10
100 sq.yd. cement mortar (plaster)	1.00	1.00	2.00	1.00	2.25
50 cu.yd. grout 1-1½	14.00	25.00	15.00	15.00	30.00
50 cu.yd. grout 1-4	8.00	20.00	10.00	8.00	27.00
500 sq.yd. textile water-proofing	1.00	1.10	1.50	1.25	1.00
4,000 sq.yd. waterproofing	.50	.75	.75	.50	.80
Temporary bridge Savin Hill (lump sum)	12,000.00	6,500.00	5,000.00	6,000.00	12,000.00
Moving present Savin Hill bridge (lump sum)	12,000.00	10,000.00	5,000.00	5,000.00	16,000.00
30M.ft.B.M. timber and flooring new Savin Hill bridge	200.00	125.00	125.00	150.00	200.00
60 lin.ft. extending Bayridge culvert	80.00	260.00	250.00	200.00	320.00
Supporting structures, etc. (lump sum)	10,000.00	25,000.00	5,000.00	1,000.00	36,000.00
10 M ft. B.M. tongued and grooved sheeting	90.00	125.00	50.00	90.00	200.00
8,000 lin.ft. spruce piles	.60	.75	.70	.50	.65
4,000 lin.ft. concrete piles	2.00	.90	2.00	1.50	.80
3,000 sq.yd. wall finish rubbing	.50	.50	1.00	1.00	1.10
8,900 lin.ft. conduit lines 6 duct in earth	2.00	2.00	2.00	1.50	2.20
300 lin.ft. conduit lines 6 duct in rock	3.00	3.50	3.50	2.00	2.50
8,200 lin.ft. conduit lines 4 duct in earth	2.00	1.75	1.80	1.40	1.60
1,000 lin.ft. conduit lines 4 duct in rock	3.00	3.00	3.00	2.00	1.85
600 lin.ft. conduit connections 2 duct in earth	2.00	1.25	1.25	1.25	1.00
100 lin.ft. conduit connections 2 duct in rock	3.00	2.50	2.50	1.85	1.50
1,150 lin.ft. conduit connections 1 duct in earth	1.00	.90	1.00	1.00	.80
150 lin.ft. conduit connections 1 duct in rock	2.00	1.90	2.00	1.50	1.00
28 power manholes in earth	200.00	220.00	350.00	200.00	300.00
3 power manholes in rock	300.00	380.00	500.00	250.00	350.00
37 signal manholes in earth	150.00	230.00	400.00	190.00	350.00
2 signal manholes in rock	400.00	380.00	500.00	250.00	400.00
13 signal foundations in earth	150.00	75.00	150.00	70.00	100.00
2 signal foundations in rock	50.00	125.00	200.00	100.00	150.00
600 lin.ft. granite edgestone	2.00	2.75	3.50	2.25	3.00
200 sq.yd. granite paving	6.00	5.00	5.00	5.00	7.00
1,500 sq.yd. sheet ashpalt paving	2.30	2.50	2.50	2.50	2.70
Preparing site (lump sum)	100.00	1,000.00	10,000.00	1,000.00	15,000.00
Extended totals	$530,380	$573,865	$586,410	$597,305	$879,595

Contracts Awarded

Me., Farmington—MILL, etc.—Ted Toy-Lers, Inc., 55 South Water St., New Bedford, Mass., 1 story, 32 x 130 ft. mill, 32 x 40 ft. boiler and 32 x 40 ft. enameling room, brick, Main St., to J. W. Bishop Co., New Bedford, Mass. Archts. est. to exceed $40,000. Noted Oct. 28.

Mass., Boston — WAREHOUSE — Goodyear Tire & Rubber Co., 61 Brookline Ave., 4 story, brick addition, plain foundation, to J. J. Prindiville Co., Prindiville Bldg., Framingham.

Mass., Cambridge (br. Boston) — REPAIR and SERVICE GARAGE — Owner, c/o S. S. Eisenberg, archt., 46 Cornhill, Boston, 1 story, brick and steel, plain foundation, 367 Cambridge St., to I. Stone, 53 State St., Boston. Archts. est. $50,000.

Mass., Chicopee—MANUFACTURING—C. F. Church Co., 2 story, rein.-con. and brick addition, to E. F. Carlson Co., 1694 Main St., Springfield.

Mass., Everett (br. Boston)—FACTORY—Market Forge Co., Garvey St., will build 2 story, 65 x 90 ft., rein.-con. and brick, plain foundation, Garvey St. $40,000. Work will be done by separate contracts. Private plans.

Mass., Lawrence—FACTORY—J. W. Bolton & Son, Inc., 9 Osgood St., 2 story, irregular shaped, rein.-con. and brick, plain foundation, Osgood and Market Sts., to W. J. Delaney, Essex St. Archts. est. $40,000. Noted Oct. 14.

Mass., Mattapan (sta. Boston)—PLANT—Milton Ice Co., Milton, 1 story, 70 x 140

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Buildings—Industrial (Continued)

ft., brick and steel, plain foundation, Babson St., to W. G. Redd, 270 Blue Hill Parkway, Milton. Archts. est. $40,000.

Mass., Medford (br. Boston) — MANUFACTURING — Frankini Bros., Inc., 30 Mystic Ave., will build 1 story, brick and steel, plain foundation, 70 Swan St. $45,000. Work will be done by separate contracts. E. R. Simpson, 176 Federal St., Boston, archt.

Mass., Newton (Ind. br. Boston)—REPAIR SHOP and GARAGE—N. T. Turner, 69 Elmwood Ave., 2 story, brick and stone, plain foundation, Washington St., to C. Gregilia, 9 Stanley St., Dorchester. Archts. est. $50,000. Noted Nov. 4.

Mass., Peabody—FACTORY—Frank Espindle Co., 14 Collins St. 2 story brick, plain foundation, Collins St., to M. F. Gourley, 12 Bay Ave. Archts. est. $40,000.

Mass., South Boston (Boston P. O.) — FACTORY—Underwood Mchy. Co., 110 Mt. Vernon St., will build 1 and 2 story, 50 x 100 ft., brick addition, Mt. Vernon St. To exceed $40,000. Work will be done by separate contracts. Private plans.

Mass., South Boston (sta. Boston) — PRINTING PLANT—Owner, c/o L. Kopczynski, archt., 80 Federal St., Boston, will build 2 story, brick, plain foundation, A and 4th Sts., here, by day labor. $40,000. Noted Sept. 30.

Mass., Worcester—MILL—Amer. Steel & Wire Co., 94 Grove St., will build 1 story, 90 x 388 ft. billet storage building, 46 x 365 ft. billet mill extension, and 50 x 100 ft. electric sub-station, all foregoing brick and concrete, also 100 x 260 ft. corrugated iron rod mill extension, crane runway and shipping room alterations. $1,000,000. Work will be done by separate contracts. A. F. Backlin, Rockfellow Bldg., Cleveland, O., engr.

R. I., Pawtucket—REPAIR and SERVICE GARAGE—W. J. Dunn, Academy Bldg., Fall River, Mass., will build 1 story, rein.-con., here, by day labor. $40,000. E. G. Ballard & Sons, 908 Purchase St., New Bedford, Mass., archts.

Conn., Hartford—PORCELAIN PLANT—Hartford Faience Co., Faience St., 2 story, 60 x 82 ft., rein.-con., brick and steel, to Industrial Constr. Co., 721 Main St. Archts. est. $45,000. Noted Oct. 21.

N. Y., West Nyack—MANUFACTURING—Kay Research Corp., Union Trust Bldg., Pittsburgh, Pa., 1 story, 60 x 100 ft. manufacturing to Beers Tapman, Inc., 15 Park Row, New York City. Engrs. est. $40,000.

N. J., Newark—POWER HOUSE—Dept. Parks & Pub. Safety, City Hall, general contract rein.-con., brick and steel power house, to F. Briscoe Co., 310 Broad St., $156,054; heating and power equipment, to R. B. Smith, 62 Ann St., $195,220. Noted Oct. 7.

Pa., Lansdale—FACTORY—Andale Eng. Co., 1600 Arch St., Phila., general contract 1 story, approximately 92 x 102 ft., steel and brick, incl. crane runways, here, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland, O. Engrs. est. $40,000.

Pa., Oakes — PLANT — Phila. Rubber Wks. Co., Land Title Bldg., Phila., 1 story, 50 x 220 ft., concrete, brick and steel addition, plain foundation, here, to F. R. Heavner, Norristown.

Pa., Phila.—GARAGE and SERVICE—Rabis & Bender Constr. Co., Schubert Bldg., will build 2 story and basement, 50 x 100 ft., and 25 x 170 ft., rein.-con. and brick, plain foundation, 1418-22 South 7th St., by day labor. I. W. Levin, Jefferson Bldg., archt.

Pa., Phila. — PRINTING — P. S. Tyre, archt., 114 South 15th St., 7 story, basement and sub-basement, 186 x 233 ft., rein.-con. and brick, plain foundation, Noble St near Broad St., to Turner Constr. Co., 1700 Walnut St., for G. F. Lasher Printing Co., 147 North 13th St. Archts. est. $600,000. Noted Oct. 28.

Pa., Phila. — PUBLISHING HOUSE — L. A. S. Bullinger, archt., 525 5th Ave., Pittsburgh, 5 story and basement, 34 x 60 ft., rein.-con., brick and steel, plain foundation, 9th and Bambridge Sts., to J. G. Patterson, 2114 Lombard St., here, for African Methodist Episcopal Church, c/o D. I. Baxter, 631 Pine St. Noted Oct. 21.

Pa., West Elizabeth — WAREHOUSE — River Shipping & Supply Co., Ruben Bldg., McKeesport, will build 2 story, 60 x 200 ft., brick, concrete and steel warehouse, incl. coal docks, etc. $150,000. Work will be done by separate contracts. Private plans.

Ala., Birmingham — PLANT — Grasselli Co., B. M. Bldg., J. S. Tremoulet, southern sales mgr., will build plant addition, South Bessemer Highway near Powderly, by day labor. Archts. est. $250,000.

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La., Gouldsboro (mail McDonoghville) — ROUNDHOUSE, etc.—Texas & Pacific R.R. Co., 16 stall brick roundhouse, steel machine, blacksmith and boiler shops, brick power house, etc., here, to Ware Constr. Co., El Paso, Tex. Engrs. est. $850,000. Noted May 20.

La., Shreveport — PACKING PLANT — Shreveport Packing Co., 725 Texas Ave., general contract 2 story, 90 x 125 ft., rein.-con., brick and steel, Texas Ave., to W. H. Werner, Bank Bldg., $55,257. Noted Sept. 16.

O., Mansfield—BLEACHING PLANT—Cleveland Grain & Milling Co., G. C. Watkins, pres., 1202 Engineers Bldg., 1 story, brick, steel and concrete bleaching plant, to J. Stewart, Inc., 3435 Dearborn St., Chicago, Ill. Archts. est. $75,000.

Ind., Indianapolis — WAREHOUSE — Standard Grocery Co., 419 East Washington St., general contract, 135 x 187 ft., rein.-con., brick and steel, Maryland and Shelby Sts., to L. B. Millikan, 501 North Delaware St., $100,000.

Ind., Marion—BAKERY—C. C. Feist Baking Co., 507 North Adams St., general contract 2 story and basement, 80 x 82 ft., concrete, brick and steel, to Bowman Constr. Co., Marion. Archts. est. $40,000.

Ind., Plymouth—FACTORY—Plymouth Metal Working Co. will build 1 story, 50 x 150 ft., brick factory. $40,000. Cost plus percentage basis. Private plans.

Ind., Terre Haute—FACTORY—Unique Printed Products Co., 2220 North 13th St., general contract 1 story, 40 x 170 ft., rein.-con., brick and steel, to G. W. North Constr. Co., Edgewood Apt. 2. Archts. est. $40,000. Noted Oct. 28.

Mich., Muskegon — FACTORY — Vander West & Child, engrs. and archts., Montgomery Blk., Oct. 29, 1 story and basement, 66 x 200 ft., brick and steel, plain foundation, Bank St., to G. Lather & Son, Traverse City, for March Irrigation Co., Western Ave. $26,400. Noted Oct. 28.

Ill., Chicago — FACTORY — A. S. Alschuler, archt., 28 East Jackson Blvd., general contract 3 story and basement, 100 x 135 ft., brick and stone addition, 4340 West Lake St., to Thorgerson & Erickson Co., 4804 North Kedzie Ave., for Sloan Valve Co., 4300 West Lake St. Archts. est. $100,000. Noted Oct. 14.

Ill., Danville—BOILER PLANT—Interstate Water Co., H. G. Ely, supt., 2 story, 50 x 80 ft., brick and steel, to Clarke Constr. Co., Danville (mail Columbus), Wis.; concrete stack, to Heine Chimney Co., 111 West Washington St., Chicago. Archts. est. $50,000. Noted Oct. 7.

Ill., Effingham—SHOE LAST FACTORY—Vulcan Last Co., Portsmouth, O., 1 story, 150 x 800 ft., rein.-con. and brick, here, to C. J. Moritz, Inc., Parker Bldg. Archts. est. $125,000.

Wis., Cottage Grove—SERVICE STATION and SHOP—E. Whiting, 2 story, 60 x 150 ft., rein.-con., brick and tile, to A. C. Harrison, Cottage Grove. Archts. est. $40,000. Noted Oct. 28.

Wis., Elkhart Lake—FACTORY—Sortograph Co., 2 story and basement, 57 x 60 ft., brick and timber additions, plain foundation, here, to H. Van Wagner, Plymouth. Archts. est. $40,000.

Wis., Madison — COLD STORAGE PLANT — Oscar Mayer & Co., A. C. Bolz, mgr., North and Madison Sts., 2 story, 90 x 145 ft. rein.-con., brick and steel, plain foundation, North St., to M. M. Moen & Co., Mason City, Ia. Noted Sept. 30.

Wis., Madison—PLANT—Madison Gas & Electric Co., Fairchild St., 1 story, rein.-con., brick and steel, to J. H. Findorff, 601 West Wilson St. Archts. est. $40,000.

Wis., Muscoda—PLANT—B. L. Marcus will build 1 story, 60 x 200 ft., rein.-con. and timber, plain foundation, by day labor. $40,000. Private plans.

Mo., St. Louis—AUTO SERVICE—International Harvester Co. of America, 2508 North Bway., 1 story and basement, 52 x 80 x 170 x 200 ft., rein.-con. and brick, 4000 West Pine Blvd. to Woerman Constr. Co., Syndicate Trust Bldg. Archts. est. $100,000.

Mo., St. Louis — MACHINE PLANT — Dixie Machine Mfg. Co., 3665 Market St., 1 story, 90 x 99 ft., brick and concrete, 4206 Goodfellow Ave., to W. C. Harting Constr. Co., 722 Chestnut St. Archts. est. $40,000.

Okla., Oklahoma City—ICE PLANT—New State Ice Co., 28 West 3rd St., converting present steam plant into raw water ice plant, to Campbell & Rice, 605 West Main St., $50,000.

Wash., Longview—PAPER MILL—Longview Fibre Co., M. A. Wertheimer, pres., will build brick and concrete, plain foundation, by day labor. To exceed $40,000. R. A. Wertheimer, Kaukauna, Wis., engr. Noted Aug. 26.

Que., Quebec — PAPER MILL — [illegible] Canadian Pulp & Paper Co., 360 x [illegible] machine shop, 126 x 234 ft. grounder [illegible] 126 x 144 ft. stores, 36 x 72 ft. furn[illegible] room, and 72 x 235 ft. mixing room, [illegible] high, concrete pile foundation, to W. [illegible] Bishop Ltd., 10 Cathcart St., Montre[illegible] proximately $15,000,000. Noted Aug.

Ont., London—FACTORY—Hygrade Corrugated Products Ltd., 699 Bathurst St., 1 story, 135 x 210 ft. factory and 32 x [illegible] ft. boiler house, brick, Adelaide St., [illegible] Foxworthy, 616 Waterloo St. Archts. [illegible] $85,000.

Buildings—Educational, Religious

Proposed Work

Mass., Beverly Farms—PARISH HOUSE—St. John's Parish, c/o Cram & Ferguson, archts., 248 Boylston St., Boston, having plans prepared 2 or more story parish house. $150,000.

Mass., Cambridge (Boston P. O.) — DORMITORIES — Massachusetts Institute of Technology having new sketches made group 5 story, rein.-con., brick and limestone dormitories, college grounds. $1,000,000. Engineer and architect not selected. Noted Nov. 12, 1925.

Mass., Lawrence — CHURCH — Greek Orthodox Society, P. Makkoupoulos, pastor, having sketches made by Ashton, Huntress & Alter, 477 Essex St., 1 story and basement, Essex and Gale Sts. $150,000.

Mass., New Bedford — CHURCH and PARISH HOUSE — Trinitarian Church Home, 636 Purchase St., having preliminary plans prepared by Cram & Ferguson, 248 Boylston St., Boston, 1 and 2 story and basement, brick and stone, plain foundation, Hawthorne St. $150,000.

Mass., Newton Center (br. Boston)—LIBRARY—City of Newton, A. O. Fulton, chn. com., Hancock Ave., plans library, 1294 Centre St., here. $150,000. Engineer and architect not selected.

Mass., Salem—CHURCH—First Unitarian Church, c/o Little & Brown, archts., 111 Federal St., Boston, plans altering and reconstructing 2 story, brick, stone and marble church. $150,000.

Mass., Quincy (Ind. br. Boston) — CHURCH and PARISH HOUSE—Bethany Congregational Church, c/o J. W. Beal Sons Co., archts., 185 Devonshire St., Boston, having sketches made 1 and 2 story and basement, stone and granite, Coddington and Spear Sts. $400,000.

Mass., Woburn—CONVENT—St. Charles Roman Catholic Parish, J. P. Gorman, Main St., pastor, raising $150,000 or more funds and having plans prepared by W. B. Colleary, 80 Boylston St., Boston, brick, Main St.

Conn., Bridgeport — CHURCH — First Methodist Church, H. E. White, ch. building com., C. C. Marshall, pastor, having plans prepared by E. G. Southey, 983 Broad St., church, Harrison and Golden Hill Sts. $500,000. Allen & Collens, 75 Newbury St., Boston, Mass., engrs. Noted Sept. 9.

N. J., Merchantville (Ind. br. Camden)—HIGH SCHOOL—Bd. Educ. having plans prepared by A. H. Moses, Merchantville, 2 story high school, Center St. $210,000.

Pa., Birdsboro—HIGH SCHOOL—School Bd., B. Hunter Watts, pres., having plans prepared Roosevelt High School, 2 story, 150 x 152 ft., brick. $150,000. Engineer and architect not selected.

Pa., Carlisle — SCHOOL — Carlisle School Dist., H. W. Morris, treas., plans 3 story and basement, brick and steel, here. $200,000. Engineer and architect not selected.

Pa., Greensburg — SCHOOLS — Voted $200,000 bonds, 2 schools, for Bd. Educ.

Pa., Kingston — SCHOOL — Kingston School Dist., H. A. Gordon, pres., having plans prepared by Mack & Sahm, Coal Exch. Bldg., Wilkes-Barre, Senior High School, 2 story and basement, 180 x 270 ft., brick, stone and steel, Chester and Wright Sts. $675,000.

Pa., Lansdale — SCHOOL—School Bd. having plans prepared by W. K. Phillips, 213 South 15th St., Phila., 2 story and basement, 78 x 172 ft., rein.-con., brick and steel, plain foundation, York Ave. $150,000.

Pa., Phila. — COLLEGE — Philadelphia College of Pharmacy, 145 North 10th St., having plans prepared by N. Hulme, 1524 Chestnut St., college of pharmacy, 43rd and Kingsessing Sts.

Pa., Phila.—SCHOOL of MEDICINE—Temple University, Broad and Berks Sts. plans 5 story school, Broad and Ontario

Buildings—Educational, Religious (Cont.)

Sts. $1,500,000. Engineer and architect not selected.

N. C., Greensboro — CHURCH — First Presbyterian Church having plans prepared by Hobart, Upjohn, Grand Central Terminal, New York City, church, 17,000 seating capacity, and Sunday school. $650,000.

N. C., High Point — CHURCH — First Presbyterian Church had plans prepared by H. Barton, Greensboro, new church and sunday school, Main St. $200,000.

Miss., Tupelo — HIGH SCHOOL — Bd. Educ. had plans prepared by B. Price, 1429 Age-Herald Bldg., Birmingham, Ala., 3 story, 184 x 206 ft., brick and stone, incl. gymnasium, auditorium, etc.

Tenn., Sewanee—COLLEGE—University of South, B. F. Finney, chancellor, plans raising $500,000 funds, college buildings.

Ohio — SCHOOLS — Perry Twp. voted $175,000 bonds, Tuscarawas Twp. $150,000 bonds, Paris Twp. $126,000 bonds, Lexington Twp. $120,000 bonds, Washington Twp. $95,000 bonds, East Canton $65,000 bonds, Waynesburg $60,000 bonds, Lawrence Twp. $44,000 bonds, Wilmot Twp. $42,000 bonds, and Beach City $30,000 bonds, schools in Stark Co.

O., Columbus — SCHOOLS — Bd. Educ. Marion Twp. having plans prepared by Richards, McCarty & Bulford, 584 East Broad St., 2 story and basement, 25 x 40 ft. auditorium and gymnasium addition to Fornoff School, $20,000; 2 story, 40 x 80 ft. auditorium and gymnasium addition to Smith Rd. School, $58,500; 25 x 40 ft. auditorium and gymnasium addition to Clarfield School, $20,000; also constructing 2 story, 40 x 80 ft. school, South High St., $57,500.

Ind., Indianapolis—CHURCH—Wheeler Rescue Mission, 241 North Delaware St., having preliminary plans prepared by Bacon & Tislow, 31 West Ohio St., 3 story and basement, 35 x 126 ft., rein.-con., brick, steel and terra cotta church. $150,000.

Ind., Indianapolis — INSTITUTION — Indiana Blind School, 75th and College Sts., making preliminary plans main building with gymnasium and hall, $282,400; girls dormitory, $153,000; boys dormitory, $153,000; and general plant building, $211,324. Engineer and architect not selected.

Ind., Indianapolis—LIBRARY—State of Indiana, L. T. Bailey, state librarian, State House, having preliminary plans prepared 100 x 150 ft. library, $850,000. Engineer and architect not selected.

Mich., Detroit — SCHOOL — St. Pauls Catholic Church, I. W. Courtney, pastor, c/o A. Des Rosiers, archt., 620 McKerchey Bldg., having plans prepared, 2 story and basement, rein.-con., brick and steel, plain foundation.

Mich., Lansing — SCHOOL — Bd. Educ. having plans prepared by J. N. Churchill, Lansing, 2 story and basement, 400 x 535 ft., rein.-con., brick and steel, plain foundation, $1,000,000.

Wis., Green Bay—SCHOOL—Bd. Educ., c/o I. H. McIntire, supt. schools, plans brick, tile and concrete auditorium addition to East High School, plain foundation. $150,000. Engineer and architect not selected.

Wis., Madison—MEDICAL SCHOOL—University of Wisconsin, J. D. Phillips, bus. mgr., having plans prepared by A. Peabody, State Capitol, 6 story and basement, 150 x 150 ft., rein.-con., brick and steel, plain foundation, on campus. $600,000.

Wis., Milwaukee — HIGH SCHOOL — School Bd., 10th and Prairie Sts., having plans prepared by G. E. Wiley, c/o School Bd., 3 story and basement, brick, tile and concrete addition to Junior High School, plain foundation, Mitchell St. and 27th Ave. $675,000.

Wis., Milwaukee — NURSES HOME — St. Marys Hospital, 448 Lake Dr., having preliminary plans prepared by O'Meara & Hills, Arcade Bldg., St. Louis, Mo., brick and concrete, plain foundation, Lake Dr. $350,000.

Wis., River Falls—SCHOOL—State Bd. Normal Regents, W. J. Kittle, secy., Madison, having plans prepared by F. E. Johnson, Wisconsin Blk., Superior, 3 story and basement, 40 x 100 x 140 ft., brick, rein.-con. and steel, plain foundation, here. $150,000.

Wis., Whitewater — HIGH SCHOOL—Voted $170,000 bonds, 3 story and basement, brick and tile, plain foundation, for Bd. Educ., A. R. Page, supt. Schools. Engineer and architect not selected. Noted Oct. 28.

Ia., Des Moines—HIGH SCHOOL—Bd. Educ. rejected bids Callanan Junior High School, 2 story and part basement, 230 x 350 ft., rein.-con. and brick, plain foundation. $350,000. Will revise plans and readvertise. Proudfoot, Rawson & Somers, 810 Hubbell Bldg., archts. Noted Oct. 7.

Minn., Northfield—LIBRARY—St. Olaf's College, P. O. Holland, bus. mgr., having plans prepared by Coolidge & Hodgdon, 135 South La Salle St., Chicago, Ill., 3 story and basement, rein.-con. and brick, incl. steam heating, etc. $150,000.

Kan., Topeka — SCHOOLS — Bd. Educ. having plans prepared by T. W. Williamson & Co., 312 Central Natl. Bldg., Oakland High School, 2 story and basement, 112 x 155 ft., rein.-con. and brick, $160,000; and Grade School, 100 x 140 ft., rein.-con., brick and stone, $150,000

Mo., St. Louis—HIGH SCHOOL—Bd. Educ., 911 Locust St., having preliminary plans prepared 3 story, rein.-con., brick and stone, Kingshighway near St. Louis St. $1,000,000. R. M. Milligan, c/o owner, comr.

Tex., San Antonio—HIGH SCHOOL — Election Feb. 19, $275,000 bonds, new Junior High School, for Bd. Educ., Phelps & DeWees, Gunter Bldg., archts. Noted Oct. 21.

Ore., Portland — SCHOOL — Bd. Educ. having plans prepared by G. H. Jones, 7th and Clackamas Sts., Clinton Kelley School, 2 story, 32nd and 33rd Sts. $250,000.

Calif., Beverly Hills—SCHOOL—Beverly Hills School Dist. plans election $280,000 bonds, fireproof school.

Calif., Gridley—HIGH SCHOOL—Gridley Union High School Dist. plans (2nd) election $150,000 bonds, fireproof high school.

Calif., Redlands—HIGH SCHOOL—Redlands High School Dist. defeated $375,000 bonds, high school.

Que., Les Ecureuils—CHURCH—Roman Catholic Church, A. Vincent, curate, having plans prepared by L. Auger, 39 St. Jean St., Quebec, 1½ story church. $200,000.

Ont., Toronto — CHURCH — Eglinton & Bedford Park Church, 2492 Church St., plans 1 and 2 story and basement church, Glenview Ave. and Yonge St. $160,000. Engineer and architect not selected.

Ont., Toronto — HIGH SCHOOL — Bd. Educ., 155 College St., having plans prepared by C. Dyson, 155 College St., 2 or 3 story and basement, rein.-con., brick and steel, plain foundation, Glendowynne Rd. $210,000.

Bids Desired

Me., Hinckley — SCHOOL — See "Contracts Awarded."

N. H., Manchester — SCHOOL — St. Anthonys Parish, L. J. Doucet, pastor, taking bids 2 story and basement, 100 x 150 ft., brick and steel, Belmont St. $250,000. W. E. Provost, 1061 Elm St., archt. Noted Sept. 16.

Mass., Groton—HIGH SCHOOL—Town, M. M. Rockford, chn. com., taking bids altering and constructing 2 story and basement, brick and stone addition. $150,000. Haynes & Mason, 29 Park Sq. Bldg., Fitchburg, archts.

R. I., East Providence (br. Providence)—SCHOOLS—Town, J. R. D. Oldham, supt. schools, taking bids three 1 and 2 story, brick, one at Riverside, one at Phillipsdale, and other at Pawtucket Ave. $150,000. W. R. Walker & Son, 49 Weybosset Ave., Providence, archts.

R. I., Providence—DORMITORY and CLASS ROOM—Home of Good Shepard, Sister Mary Frances in charge, taking bids 2 and 3 story and basement, brick and stone, plain foundation, Eaton St. $150,000. A. J. Murphy, 146 Westminster St., archt.

R. I., Providence—GYMNASIUM—Brown University taking new bids 3 story and basement, 122 x 144 ft., brick and limestone, Elm Grove Ave. To exceed $150,000. Clarke & Howe, Turks Head Bldg., archts. G. Hadden, 607 5th Ave., New York City, engr. Noted July 1.

R. I., Woonsocket — CHURCH — St. Anthony's Roman Catholic Church, A. Hickey, pastor, taking bids 2 story and basement, brick and stone, plain foundation, Greene St. To exceed $150,000. A. J. Murphy, 146 Westminster St., Providence, archt.

Conn., Waterbury — SCHOOL — City, School Bd., taking bids 2 story and basement, 62 x 82 ft., and 40 x 60 ft., brick and steel, Columbia St. $150,000. L. A. Walsh, 51 Leavenworth St., archt. Noted Oct. 21.

Pa., Darby—HIGH SCHOOL—Nov. 16, by Bd. Educ., c/o J. E. Mellon, 1012 Pine St., 3 story, 133 x 137 ft., rein.-con. and brick, plain foundation, incl. heating and plumbing, etc., 6th and Walnut Sts. $400,000. Ritter & Shay, Packard Bldg., Phila., archts.

Pa., Erie—SCHOOL—Nov. 17, by Bd. Educ., 2 story and basement, 80 x 216 ft., brick steel and concrete addition. Meyers & Johnson, Commerce Bldg., archts.

Pa., Indiana—GYMNASIUM—Nov. 20, by Indiana State Normal School, J. A. H. Keith, principal, 2 story and basement, 99 x 120 ft., brick, steel and concrete, incl. swimming pool, lockers, heating, etc. $150,000. Lawrie & Green, 116 Locust St., Harrisburg, archts. Noted Sept. 30.

Fla., Jacksonville — CHURCH — Mark & Sheftall, archts., Clark Bldg., taking bids general contract Riverside Presbyterian Church, brick, stone, steel and concrete, Park and Post Sts. $150,000.

Ky., Lexington — HIGH SCHOOL — Nov. 18, by Bd. Educ., brick, steel and concrete high school. W. R. McCornack, and F. C. Warner, Bulkley Bldg., Cleveland, O., archts. Noted Oct. 16.

O., Cleveland Heights (Warrensville P. O.) — CHURCH—Nov. 15, by W. G. Caldwell, archt., B. of L. E. Bank Bldg., Cleveland, 1 story and basement, 54 x 100 ft., brick and steel, Taylor Rd., here, for Trinity Congregational Church, J. F. Heffner, pastor, East 84th St. and Cedar Ave., Cleveland. $150,000.

Ind., South Bend—COLLEGE DINING HALL—Notre Dame University, taking bids, rein.-con. dining hall, 3,000 seating capacity. $500,000. Cram & Ferguson, 248 Boylston St., Boston, Mass., archts.

Mich., Adrian—SCHOOLS—Nov. 29, by Bd. Educ., High School Bldg., T. C. Kennedy, secy., three 2 story and basement, rein.-con., brick and steel schools. Bentley, Taylor & Salisbury, 343 South Dearborn St., Chicago, Ill., archts.

Mich., Detroit—SCHOOL—Nov. 15, by N. C. Sorensen Co., archts., 2231 Park Ave., 2 story and basement, rein.-con., brick and steel, plain foundation, near Middle belt and Ford Rd., for Bd. Educ. $150,000.

Mich., L'Anse—HIGH SCHOOL—Jan. 3, by F. E. and G. F. Parmelee, archts., Commercial Bank Bldg., Iron Mountain, 2 story and basement, 160 x 180 ft., rein.-con., brick, steel and stone, plain foundation, here, for Bd. Educ., J. A. Hickey, pres. $300,000. Noted Sept. 2.

S. D., Aberdeen—SCHOOL—Nov. 27, by Bd. Educ., F. Wyttenbauch, clk., 2 story and basement, 71 x 200 ft., rein.-con. and brick school. $165,000. G. F. Fossum, 318 Van Slyke Bldg., archt. Noted July 29.

N. D., Fargo—SCHOOLS—Nov. 16, by Bd. Educ., 1 and 2 story and basement, rein.-con. and brick addition. $200,000. J. E. Rosatti, 117 Bway., archt. Noted July 29.

Tex., Eastland—HIGH SCHOOL—Nov. 18, by Bd. Educ., 3 story and part basement, 58 x 140 ft., rein.-con., brick, stone and tile, plain foundation. $150,000. D. S. Castle Co., 701 Alexander Bldg., Abilene, archts. Noted Sept. 2.

Calif., Eagle Rock (br. Los Angeles) — HIGH SCHOOL—Nov. 17, by Los Angeles Bd. Educ., 2 story, 64 270 ft. administration building with 45 x 120 ft. wing, 88 x 140 ft. auditorium, 1 story, 60 x 120 ft. domestic science building with 35 x 120 ft. wing, and 1 story, 100 x 150 ft. gymnasium, and 62 x 110 ft. shop, all foregoing brick, here. $345,000. C. M. Winslow, Van Nuys Bldg., Los Angeles, archt. Noted Jan. 14.

Ont., Belleville—COLLEGIATE—Dec. 1, (extended date), by Belleville Bd. Educ., A. McGie, chn., 208 Front St., 3 story and basement, 60 x 220 ft., John St. $350,000. Noted Nov. 4.

Bids Received

Pa., Pittsburgh—SCHOOL—Bd. Educ., Fulton Bldg., Nov. 2, Herron Hill High School, 2 and 3 story and basement, irregular shaped, brick, stone and steel, Ossipee St., from E. H. Canon, Jenkins Arcade, $739,000. Noted Oct. 28.

O., Kent—LIBRARY—Bd. Trustees Kent State Normal, W. A. Cluff, secy., general contract 2 story and basement, 100 x 125 ft., concrete, stone and marble, from C. W. Surbier, Akron, $220,000; and from Woods Constr. Co., Oxford, with mechanical trades excluded, $187,600. Noted Oct. 21.

Wis., Milwaukee — CONTINUATION SCHOOL—A. O. Muehl, secy. Bd. Industrial Educ., 7th and Prairie Sts., Nov. 4, concrete work 6 story and basement, 143 x 268 ft., rein.-con. and brick, plain foundation, 6th and State Sts., from T. Stark & Co., 130 Muskego Ave., $263,900. Noted Oct. 21.

Calif., Richmond—HIGH SCHOOL—Bd. Educ., Oct. 25, general contract six 1 and 2 story, brick buildings, from C. Overaa, 2105 Roosevelt Blvd., $456,475; plumbing, from J. E. O'Mara, 218 Clara St., San Francisco, $25,900; electrical work, from Butte Electric & Mfg. Co., 956 Folsom St., San Francisco, $36,200; heating and ventilating, from J. A. Nelson, 1375 Howard St., San Francisco, $62,381; combination bid on plumbing, heating and electrical work,

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Buildings—Educational, Religious (Cont.)

from Gnekow, Stockton, $132,074. Noted Sept. 30.

Contracts Awarded

Me., Hinckley — SCHOOL — Good Will Home Assn., G. W. Hinkley, chn. com., will build 2 story and basement, brick and stone plain foundation, by day labor, under supervision Miller, Mayo & Beal, archts., 465 Congress St., Portland. $150,000.

Mass., Concord — HOME — First Church Christ Scientists, for Pleasant View Home, 2 story and basement, brick and stone, plain foundation, Pleasant St., to E. D. Ward Co., 82 Foster St., Worcester. Archts. est. $150,000.

Mass., Egypt—NURSES HOME—Children's Sunlight Hospital, 3 story and basement, brick, plain foundation, to C. Schafer, North Scituate. Archts. est. $150,000.

Mass., Everett (br. Boston)—CHURCH—Glendale Baptist Church, Bway., altering and constructing 1 and 2 story brick and stone addition, plain foundation, to E. S. Mitchell, Glendale Ave. Archts. est. to exceed $150,000. Noted Oct. 28.

Mass., Waban (Ind. br. Boston)—CHURCH—Union Church Society, c/o F. A. Burton, archt., 240 Boylston St., Boston, 3 story, stone and stucco, plain foundation, Collins Rd., to Somers & Drisco, 31 St. James Ave., Boston. Archts. est. $150,000. Noted Oct. 28.

Conn., Cheshire — SCHOOL — Roxbury School, Inc., Main St., 1 and 2 story and basement, 106 x 110 ft., rein.-con., brick and steel addition, to Natl. Constr. Co., 151 Court St., New Haven. Archts. est. $150,000. Noted Nov. 4.

N. Y., Poughkeepsie — NURSERY SCHOOL — Vassar College, c/o Allen & Collins, 75 Newbury St., Boston, Mass., 2 story and basement, brick and stone, plain foundation, here, to E. V. Anderson, 25 Market St. Archts. est. $150,00. Noted Aug. 26.

Md., Baltimore—CHURCH—F. J. Baldwin, archt., 328 North Charles St., 3 story and basement, 91 x 183 ft., concrete, steel, stone and tile, Chester and Bank Sts., for Holy Rosary Roman Catholic Church, S. Wachowiak, pastor, 1634 Eastern Ave., to Frainie Bros. & Haigley, 19 West Franklin St. $375,000. Noted Oct. 21.

Pa., Phila.—SCHOOL—Bd. Educ., J. D. Cassell, supt. buildings, 19th and Chestnut Sts., general contract 3 story and basement, 113 x 134 ft., rein.-con. and brick, plain foundation, Allens and Rural Lanes, to McCloskey Co., 1620 Thompson St., $448,345; and heating, to E. F. Roberts, 2024 Columbia Ave., $34,846. Noted Oct. 28.

Fla., Daytona Beach — CHURCH — St. Pauls Church, W. J. Mullaly, pastor, general contract church, to Hayes & Kroeger, Clermont. Archts. est. approximately $210,000.

Tenn., Memphis—COLLEGE—St. Agnes Academy, 967 Vance St., 3 story, 115 x 146 ft., brick and terra cotta addition, incl. library, gymnasium, swimming pool, etc., Vance and South Orleans Sts., to W. W. Wessell Constr. Co., Memphis, $138,000.

O., Akron—CHURCH—Henry & Murphy, archts. and engrs., 1114 2nd Natl. Bank Bldg., general contract 1 story and basement, 103 x 147 ft., brick and stone, incl. recreation hall and kitchen, Bowery and State Sts., to C. W. P. Co., 2nd Natl. Bldg., for Grace Reformed Church. $146,418. Noted Aug. 26.

Ind., Indianapolis — SCHOOL — School Comrs., 150 North Meridian St., general contract Grade School 37, rein.-con., brick and steel, Keystone and 25th Sts., to W. P. Jungclaus Constr. Co., 825 Massachusetts Ave., $159,888; heating and ventilating to Freyn Bros., 1028 North Illinois St., $46,438. Noted Oct. 28.

Minn., Minneapolis — CHURCH — Hope Lutheran Church, c/o C. S. Thorpe, 1216 6th St. S. E., general contract superstructure rein.-con., brick and stone, 6th St. and 13th Ave. S. E., to Nasvik-Sault Constr. Co., 551 Gilfillan Bldg., St. Paul. Archts. est. $150,000. Noted Oct. 21.

Minn., St. Paul—SCHOOL—Bd. Educ., L. R. S. Ferguson, comr., Endicott Bldg., general contract 3 story and basement, rein.-con. and brick, Cambridge and Grand Aves., to Swenson & Hakanson, 914 Builders Exch. Bldg., $203,615. Noted Nov. 4.

Kan., Paola — ADMINISTRATION — Ursuline Academy, general contract 5 story, irregular shaped rein.-con., brick, steel, and terra cotta, to F. E. Spencer & Son, 1805 Harrison St., Topeka, $333,590. Noted Sept. 30.

Neb., Lincoln—SCHOOL—J. G. Ludlum, secy. School Dist. 1, general contract 2 story and basement, 64 x 152 ft. main building, with 27 x 30 ft., 34 x 55 ft., and 32 x 65 ft., brick and stone extensions, here, to W. J. Assenmacher Co., 625 North 17th St., $110,670. Archts. est. $150,000. Noted Nov. 4.

Mo., Joplin—HIGH SCHOOL—Bd. Educ., Senior High School, 3 story and basement, rein.-con., brick and stone, to Bushbroom Bros., Fairbury, Neb., $107,500; heating and ventilating to C. W. Herold Plumbing & Heating Co., 1315 East 15th St., Kansas City, $29,500. Noted Sept. 2.

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Federal Government Work

Proposed Work

Conn., New London — Fire Protection — Spec. 5260—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids Oct. 27, foam fire protection for oil reservoirs at Naval Submarine Base, here. Noted Nov. 4.

D. C., Anacostia—Storehouse—Spec. 5280—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans temporary storehouse.

Tex., Galveston — Machine shops — Quartermaster General, War Dept., Wash., D. C., having preliminary plans prepared machine shops and equipment for 3rd Attack Group, U. S. Air Service, here. $100,000.

Bids Desired

Mass., Boston—Steel Nov. 16, by Bureau Yards & Docks, Navy Dept., Wash., D. C., rivet steel and cresol, to Navy Yard, here.

Mass., Scituate—Waterworks, etc.—Spec. 5299—Nov. 10, by Bureau Yards & Docks, Navy Dept., Wash., D. C., improving water and sewerage systems, at Naval Radio Compass Station, here.

New Jersey — Removing Dredge — Dec. 4, by U. S. Engineer Office, Wilmington, Del., removing sunken dredge 5, of Delaware Dredging Co., from Barnegat Bay, 1 mi. above Mantoloking Bridge, coast of New Jersey; Adv. E. N.-R. Nov. 11.

N. J., Montclair—Post Office—Nov. 23, by Treas. Dept. at office Supervising Archt., Wash., D. C., brick and stone, post office, here. J. A. Wetmore, acting Superv. archt.; adv. E. N.-R. Nov. 11. Noted Nov. 26.

Md., Annapolis—Remodeling—Nov. 30, by Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here.

D. C., Wash.—Marquise—Nov. 16, by Treas. Dept., at office Supervising Archt., Wash., D. C., marquise at Treasury, here.

Ga., Americus—Remodeling—Nov. 26, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here.

Fla., Jacksonville — Pump — Dec. 6, by U. S. Engineer Office, dredging pump for U. S. Dredge "Welatka"; adv. E. N.-R. Nov. 11.

Ky., Louisville—Unwatering Lock Chamber—Dec. 6, by U. S. Engineer Office, Box 72, unwatering lock chamber during erection of gates, Dam 47, Ohio River; adv. E. N.-R. Nov. 11.

O., Cincinnati—Engine, etc.—Nov. 24, by U. S. Engineer Office, 405 Custom House, vertical inverted cylinder, compound engine, one 16 in. dredge pump and fittings for Pipe Line Dredge "Indiana"; adv. E. N.-R. Nov. 11.

Mich., Camp Custer (br. Battle Creek)—Refrigerating Plant — Nov. 30, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., refrigerating plant, at U. S. Veterans Hospital 100, here. J. E. Tripp, acting ch. constr. div.

Minn., Montevideo—Post Office—Nov. 29, by Treas. Dept., Wash., D. C., constructing U. S. Post Office, here.

Neb., Central City—Post Office—Nov. 30, by Treas. Dept. at office Supervising Archt., Wash., D. C., constructing U. S. Post Office, here. J. A. Wetmore, acting superv. archt.

Neb., Mitchell—Operating House—Nov. 15, at office Bureau Reclamation, Custom House, Denver, Colo., concrete gate operating house, on north spillway structure of Guernsey Dam, here.

Mo., St. Joseph—Remodeling—Nov. 22, by Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office. here.

Tex., Paris — Extension — Nov. 24, by Treas. Dept., at office Supervising Archt., Wash., D. C., extension to U. S. Post Office, here.

Bids Received

Me., Bangor—Pump—Treas. Dept., at office Supervising Archt., Wash., D. C., Nov. 2, deep well, at U. S. Post Office, here, from Virginia Mchy. & Well Co., Richmond, Va., $3,450. Noted Oct. 14.

Ill., Evanston — Remodeling — Treas. Dept., at office Supervising Archt., Wash., D. C., Nov. 1, remodeling U. S. Post Office, here, from C. E. Desmond, 543 South Clark St., Chicago, $6,017. Noted Oct. 21.

Ia., Iowa City — Remodeling — Treas. Dept. at office Supervising Archt., Wash., D. C., Nov. 2, remodeling U. S. Post Office, here, from J. H. Hunzinger & Co., 29 North Governor St., Iowa City, $14,[illegible], alternate $8,070. Noted Oct. 21.

Contracts Awarded

N. Y., Brooklyn—Alterations—Spec. 52[illegible]—Bureau Yards & Docks, Navy Dept., Wash., D. C., alterations to main building and Building 4, at Naval Hospital, here, to B. Diamond, 60 Bergen St., $16,395. Noted Nov. 4.

La., New Orleans—Remodeling—Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling U. S. Mint, here, to G. F. Favrot, Balter Bldg., $11,170. Noted Oct. 28.

Mich., Grand Haven—Remodeling—Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling and enlarging U. S. Post Office and Custom House, here, to A. M. Lundberg, 208 Bway., St. Louis, Mo., $15,400. Noted Oct. 28.

Tex., Dallas—Repairs—Treas. Dept., at office Supervising Archt., Wash., D. C., general repairs to U. S. Post Office, here, to M. T. Green, 608 North Akard St., $4,537.

Idaho, Boise—Refrigerating Plant—U. S. Veteran's Bureau, Arlington Bldg., Wash., D. C., refrigerating plant at U. S. Veteran's Hospital, here, to Edwards Ice & Supply Co., 2223 1st St., Seattle, Wash., $3,795. Noted Nov. 4.

Calif., San Diego—Pile Dolphins—Spec. 5249—Bureau Yards & Docks, Navy Dept., Wash., D. C., six 16 pile dolphins, at Naval Operating Base (Destroyer Base), here, to Barclay & Schaniel, San Diego, $10,200.

T. H., Pearl Harbor—Extension—Spec. 5264—Bureau Yards & Docks, Navy Dept., Wash., D. C., Extension Building 23, Naval Operating Base (Fuel Depot), to R. R. Ames, 315 Hawaiian Trust Bldg., Honolulu, $5,367.

Unclassified

Proposed Work

Heating and Ventilating, etc. — Boston, Mass.—B. F. Keith's Theatre, Bway. and 7th Ave., New York City, takes bids about Nov. 10, heating, ventilating and plumbing in theatre, Washington St., here. T. E. Lamb, 644 8th Ave., New York City, archt. Noted Oct. 14 under "Buildings—Commercial."

Playground, etc.—Brentwood (Pittsburgh P. O.), **Pa.**—Voted $150,000 bonds, public playground, swimming pool and sewers.

Stadium—Durham, N. C.—Duke University plans large concrete stadium, 40,000 seating capacity.

Grade Crossing Elimination—Columbus, O. — Voted $750,000 bonds city's share elimination of grade crossing at Pennsylvania R.R. and Cleveland Ave., 18th and 11th Aves., Big Four Crossing on West Broad St., and completing work of Norfolk and Western at Leivingston Ave., Main, Broad and Long Sts. Work to be done in 1927, amounting to approximately $4,000,000.

Lighting System — Clinton, Ill. — See "Streets and Roads."

Street Lighting System—Evanston, Ill. — City retained Randolph, Perkins & Co., engrs., 33 South Clark St., Chicago, to design and lay out ornamental street lighting system in business and residential sections. $1,250,000. Noted April 15.

Park Improvements—Burlington, Wis. — Voted $25,000 bonds, improving parks. A. Zechel, city clk. Noted July 22.

Park Improvements—Duluth, Minn.—See "Buildings—Commercial."

Car Barns — Kansas City, Mo. — See "Buildings—Industrial."

Gas Pipe Line—Texas—B. Carter & associates, Ranger, plans 8 and 10 in. gas pipe line from North Coleman Co. to San Angelo, Ballinger, Winters, Miles and Rowena, also distributing system for each town. Work will probably be done with own forces.

Transmission Line, etc.—Texas—Texas Power & Light Co., Waco, making plans high power transmission line from Burnet

Unclassified (Continued)

Lampasas, also substation, Post Mountain. $60,000.

Land Development, etc.—McAllen, Tex.—Manor Developmnet Co. making plans improving sub-division, incl. paving, and rein.-con. swimming pool. $60,000. Private plans.

Land Development—San Benito, Tex.—W. B. Kinkley making surveys, etc., improving sub-division, incl. sewers, water-mains, paving streets, etc., near here. $75,000. Private plans.

Transmission Line — Oklahoma — Southwest Light & Power Co., Braniff Bldg., Oklahoma City, made preliminary plans 25 mi. 23,000 v. transmission line from Leedey to Shattuck. $50,000. E. R. Erusberger, pres.

Hydro-electric Development — Seattle, Wash.—Bd. Pub. Wks. accepted plans prepared by F. R. Nicholas, special Skagit engr. working under direction of J. D. Ross, supt. Seattle's municipal lighting department for dam at Diablo Canyon which will afford 100,000 acre ft. water storage space in connection with Skagit River hydro-electric power development. Following completion of this work a power plant will be built and bids taken for furnishing two 37,500 hp. turbines, transformers, switching equipment, etc., plant and equipment to develop 75,000 hp. Cost $2,689,500. Total cost incl. railroad, dam, equipment, etc., $6,089,500. Specifications for equipment will be written after first of year. Noted Feb. 11.

Lighting System—Monterey Park, Calif.—Making plans ornamental lighting system, various sections of city. To exceed $25,000. O. A. Giorlich, city engr.

Lighting System — Pasadena, Calif. — Plans ornamental lighting system on portions LaLoma Rd., Glen Holly St., etc. To exceed $25,000.

Swimming Pool — Redlands, Calif. — See "Buildings—Commercial."

Gas System—Windsor, Ont.—Union Gas Co., Chatham, plans improving and extending gas system. $100,000. Private plans.

Bids Desired

Subsidiary Pipes—New York, N. Y.—Nov. 19, by A. Goldman, comr. Plant & Structures, Municipal Bldg., installing subsidiary pipes between manholes and traffic post locations, and erecting traffic control posts.

Subway—New York, N. Y.—Nov. 26, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., constructing Sect. 3, Route 101, Rapid Transit R.R., under Church St., private property, intersecting street and 6th Ave. (extension) etc.; Sect. 4, Route 101, under 6th Ave. (extension), and 6th Ave. from Watts to West 3rd Sts.

Refrigeration Work—Ossining, N. Y.—Nov. 30, by J. L. Long, supt. State Prisons, Capitol, Albany, refrigeration work, additional ammonia compressor and motor, at Sing Sing Prison, here; adv. E. N.-R. Nov. 11.

Swimming Pool — Indiana, Pa. — See "Buildings—Educational, Religious."

Signal Lights—Phila., Pa.—Nov. 17, by Delaware River Bridge Joint Comn., 806 Widener Bldg., signal lights for Delaware Bridge. J. K. Costello, genl. mgr.

Car Shed—Taylorville, Ill.—See "Contracts Awarded."

Ice Plant Machinery—Ennis, Tex.—Ennis Ice Co., J. Edgecombe, mgr., taking bids 8,500 ft. 2 in. pipe bent, valves, ammonia compressor, motor, etc., for ice plant. $25,000. J. T. Ludlow, 460 Montgomery St., engr. Noted Nov. 4, under "Buildings—Industrial."

Air Conditioning Refrigeration Plant—San Antonio, Tex.—Nov. 22, by City Comn., c/o J. W. Tobin, mayor, air conditioning and refrigeration plant in auditorium. $25,000. M. L. Diver, c/o Calcasieu Bldg., consult. engr. Noted Oct. 22 under "Buildings—Commercial."

Land Development—San Benito, Tex.—Texas South Coast Co. of Delaware, c/o J. A. Graham, San Benito, taking bids developing 1,300 acres above Point Isalel, incl. water distributing system with pipe, sewers, paving, sidewalks, etc. $150,000. Private plans.

Siphon—Oakland, Calif.—Dec. 10, by East Bay Municipal Utility Dist., Rockridge siphon, 2,430 ft. 54-in. electric welded or lockbar pipe, 15,000 cu.yd. excav., 1,000 cu.yd. rein.-con., 110 cu.yd. plain concrete, 68,000 lbs. reinforcing and 8,750 lbs. structural steel, etc.

Pier—Oceanside, Calif.—City Trustees taking new bids 340 ft. rein.-con. pleasure pier. Former bids rejected. R. L. Loucks, city engr. Noted Oct. 7.

Ore Crushing Plant—Moyie, B. C.—See "Contracts Awarded."

Bids Received

Playground — Brooklyn, N. Y. — W. H. Gompert, supt. School Buildings, Flatbush Ave. extension and Concord St., Nov. 4, excavating, paving, etc., playground adjoining P. S. 109, Dumont Ave. and Powell St., from A. DiGeronimo, 1974 East 1st St., for Bd. Educ., 500 Park Ave., New York City. $18,270. Noted Oct. 28.

Borings—New York, N. Y.—J. Miller, pres. Manhattan Boro, Municipal Bldg., Nov. 4, borings in connection with final plan for express highway along west side Manhattan from Canal to West 72nd Sts., from Sprague & Henwood, Inc., 32 Pearl St., $6,120. Noted Oct. 28.

Gallows Frames—New York, N. Y.—A. Goldman, comr. Plant & Structures, Municipal Bldg., Nov. 5, gallows frames and operating equipment for Slip 3, Whitehall Ferry Terminal, foot Whitehall St. and Slip 5, St. George Ferry Terminal, Richmond Boro, from Steele & Condict, Inc., 74 Pearl St., Jersey City, N. J., $73,800. Noted Oct. 28.

Playground—New York, N. Y.—W. H. Gompert, supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, excavating, sidewalks, curbing, etc., playground adjoining P. S. 50, East 20th St., Manhattan Boro, and P. S. 58, Washington Ave. and East 176th St., Bronx Boro, from A. DiGironimo, 1974 East 1st St., Brooklyn, for Bd. Educ., 500 Park Ave., $13,370 and $9,340 respectively. Noted Oct. 28.

Overhead Crossing — Florida — See "Streets and Roads."

Swimming Pool — Columbus, O. — See "Buildings—Commercial."

Stadium—St. Louis, Mo.—Bd. Educ. 911 Locust St., Nov. 3, general contract 325 x 660 ft., rein.-con. stadium, 15,000 seating capacity, from Murch Bros. Constr. Co., Ry. Exch. Bldg., $384,512. Noted Oct. 28.

Lighting System—Long Beach, Calif.—Ornamental lighting system on 7th St., from F. Ziebarth, Farmers & Merchants Bank Bldg., $55,500. Noted Oct. 28.

Contracts Awarded

Foundation — North Attleboro, Mass. — North Attleboro Hotel Co., F. Mason, 558 Mt. Hope St., foundation 4 story and basement, brick hotel, Washington Sq., to J. A. Munroe, 159 Washington St. Noted Oct. 7.

Public Bath—Quincy (Ind. br. Boston) **Mass.**—S. Sutaneu, 42 Morton St., public bath, and 2 story accompanying rooms, brick, also concrete pool, 89 Bway., Quincy Point, to M. Sutaneu, 42 Morton St.

Stadium—Wheeling, W. Va.—Bd. Educ., C. Githens, supt., general contract concrete stadium, to R. R. Kitchen Co., 37 19th St., $94,225. Noted Sept. 30.

Coal Docks—West Elizabeth, Pa.—See "Buildings—Industrial."

Swimming Pool — Memphis, Tenn. — See "Buildings—Educational, Religious.

Ice Breakers — Bellaire, O. — Carnegie Steel Co., Carnegie Bldg., Pittsburgh, Pa., 2 ice breakers at Bellaire Plant on Ohio River, here, to Dravo Contg. Co., Neville Island, Pittsburgh, Pa.

Dock, etc. — Portsmouth, O. — Wheeling Steel Corp., Wheeling Steel Corp. Bldg., Wheeling, W. Va., constructing coal dock and 275 ft. retaining wall, here, to General Contg. Corp., Columbus Bank Bldg., Pittsburgh, Pa.

Conduits—Detroit, Mich.—Pub. Lighting Comn., 174 East Atwater St., approximately 2 mi. conduits for electric transmission cable from Morrell St. power station, to R. A. Mercier, 5435 Wesson Ave., $41,654. Noted Sept. 9.

Car Shed—Taylorville, Ill.—Chicago & Illinois Midland R.R. Co., 72 West Adams St., Chicago, J. F. Gilchrist, pres., will build 1 story, 50 x 200 ft. car shed addition, here, by own forces.

Underpass—Anoka, Minn.—Northern Pacific R.R. Co., H. E. Stevens, ch. engr., Ry. Bldg., St. Paul, rein.-con. underpass near Coon Creek Junction, here, to Minnesota Western Constr. Co., 501 Kasota Bldg., Minneapolis. Engrs. total est. approximately $35,000. Owner furnishes steel. Noted July 15.

Gas Pipe Line — Texas — Lower Rio Grande Gas Co., Brownsville, about 150 mi. natural gas pipe line from Jim Hogg, Starr and Zapata Counties to Brownsville, to Hope Eng. & Supply Co., Mt. Vernon, O., approximately $2,750,000.

Storage Tanks — Panhandle, Tex. — Roxana Petroleum Corp., three 80,000 bbl. steel storage tanks, to Chicago Bridge & Iron Wks., 37 West Van Buren St., Chicago, Ill., approximately $900,000; also twenty 500 bbl. low steel storage tanks, to Parkersburg Rig & Reel Co., Panhandle, approximately $225,000.

Trucking Tunnel—Seattle, Wash.—Harlan, Thomas & Clyde Grainger, archts., Arcade Bldg., constructing trucking tunnel 17 ft. wide and 12 ft. high, under 1st Ave. between Arcade Sq. and Vendome Hotel, for transporting materials for Arcade Sq. addition, to Tuefel & Carlson, 1320 5th Ave., $40,250. Former contract rescinded. Noted Nov. 4.

Lighting System—Santa Barbara, Calif.—City, ornament l lighting system on Chapala St., to A. C. Rice, 1957 Santee St., Los Angeles, $31,320.

Ore Crushing Plant—Moyie, B. C.—Consolidated Mining & Smelting Co. of Canada, Trait, will build new ore crushing plant at mill, here. $200,000. Private plans.

Materials

Bids Desired

Inorganic Dust—New York, N. Y.—Nov. 18, by J. Miller, pres. Manhattan Boro., Municipal Bldg., 400 tons inorganic dust, and 100,000 gal. asphaltic cement.

Structural Steel and Railroad Frog Crossings—Phila., Pa.—Nov. 17, by Montgomery Smith, purch. agt., Pennsylvania R.R., at 17th and Filbert Sts., structural steel for bridges, Contr. 63-1926; and railroad frog crossings, Contr. 62-1926. A. C. Shand, Broad St. Sta., ch. engr. railroad.

Granite, etc.—Pittsburgh, Pa.—Nov. 15, by Hoffman-Henon Co., archts., Finance Bldg., Phila., granite, architectural terra cotta, limestone, mail chutes, 2 sets revolving doors, hollow metal window and bronze door frames, etc., for 23 story and basement, 85 x 180 ft., rein.-con., brick and steel office, plain foundation, 7th and Liberty Sts., here, for Stanley Rowland Clark Co., 1916 Race St., Phila.

White Lead—Chicago, Ill.—Nov. 18, by Dept. Pub. Wks., Room 406, City Hall, furnishing and delivering 5,000 lb. white lead in oil by truck, at 3150 South Sacramento Ave. A. A. Sprague, comr.

Lumber—Washington, Ia.—Nov. 16, by Auditor Washington Co., 331,000 ft. full sawed Douglas fir bridge lumber. W. P. Rawn, Washington, co. engr.

Road Oil—Fresno, Calif.—Nov. 19, by D. M. Bannwell, clk. Fresno Co., approximately 72,500 bbl. (more or less) natural crude oil, containing 65% pure asphalt or bitumen, and 52,500 bbl. (more or less) asphaltic oil, containing 73% pure asphalt or bitumen. C. P. Jensen, Gory Bldg., co. surv.

Rock — Santa Barbara, Calif. — E. A. Rolison, city mgr., taking bids 180,000 tons rock for breakwater, for City.

Brass and Bronze Castings, etc. — Toronto, Ont. — Nov. 16, by T. Foster, mayor, City Hall, annual supplies, incl. brass and bronze castings, brass work for house services, c.i. pipes, hydrants, pipe, fittings and valves, lead pipe, special castings, gate valves, refined asphalt, paving blocks, sewer brick, flat castings, Portland cement, mineral dust or filter, general supplies and tools, screened and unscreened gravel, granite setts, iron and steel, house numbers, lubricating oils, grease, vitr. sewer pipe, rubber valves, hose, tires, crushed rock, sand, crushed and rubble stone, liquid chlorine, lumber, coal, asphalt filler, pig lead, sewer pipe, cement concrete, sulphur dioxide, asphalt cement and coal tar, etc. $250,000. R. C. Harris, City Hall, engr.

Gates—Wellington, New Zealand—Feb. 1, by Secretary Tenders & Supplies Com., Pub. Wks. Dept., 3 penstock gates with controls, complete; gate valve, incl. castings; also structural steel screens and ladder rungs.

Bids Received

Broken Stone—St. George, N. Y.—J. A. Lynch, pres. Richmond Boro, Boro Hall, Nov. 1, 1,000 cu.yd. broken stone, and 250 cu.yd. screenings, from Vanbro Constr. Co., 24 Elizabeth St., West New Brighton, $4,375; and 30,000 gal. asphaltic macadam binder for hot application, from J. E. Donovan, 2205 Richmond Terrace, Port Richmond, $4,200. Noted Oct. 28.

Granite Blocks—St. George, N. Y.—J. A. Lynch, pres. Richmond Boro, Boro Hall, Nov. 3, 7,500 standard 5 in. granite blocks, from Terminal Supply Co., 247 Park Ave., New York City, $1,068; and 500 bbl. tar for patching, (hot and cold application), from Barrett Co., 40 Rector St., New York City, $4,095. Noted Oct. 28.

Portland Cement—St. George, N. Y.—J. A. Lynch, pres. Richmond Boro, Boro Hall, Nov. 5, portland cement, stone sand, etc., from Schneider Schiel Corp., Port Richmond, $1,574. Noted Oct. 28.

See proposal advertising on page 138

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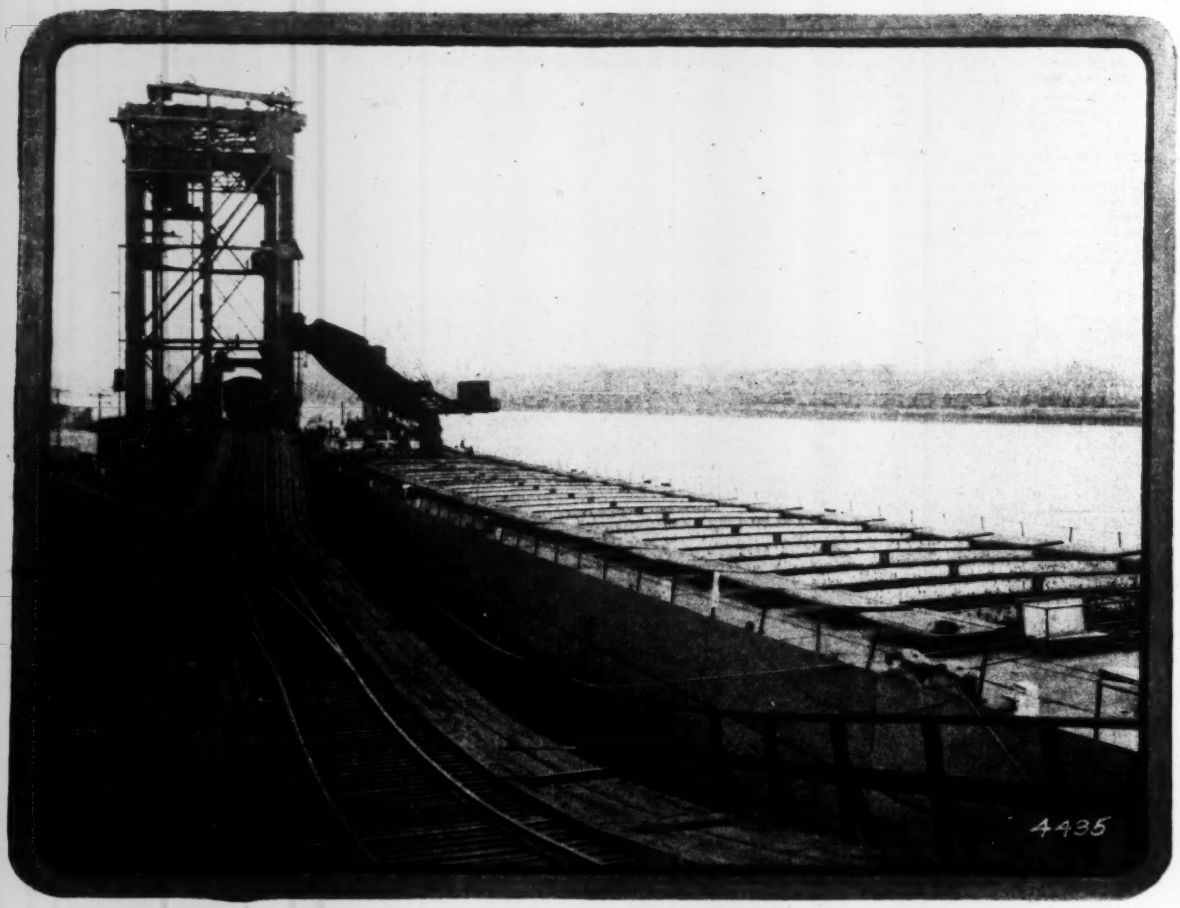

2¼ Million Tons in Four Months

That's the record of the first four months' operation of the lifting car dumper shown above which was installed in 1926 by the W-S-M Company for the New York Central Railroad at Toledo, Ohio. This particular view of the installation was taken from the "kick-back" and shows the "run-off" end.

This car dumper will handle with ease cars of 120 ton capacity with a tare weight of 80,000 lbs. Being electrically operated throughout and possessing a number of new automatic features, the services of only two operators are required for the entire installation—one in an elevated station on the main column, the other at the outer end of the pan over the boat.

Complete details on this remarkable installation or data relating to your needs will be gladly given you by W-S-M engineers.

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